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BY THE EDITOR OF THIS VOLUME

COLLEGE ENGLISH
A MANUAL FOR THE STUDY OF ENGLISH
LITERATURE AND COMPOSITION

OXFORD UNIVERSITY PRESS
AMERICAN BRANCH, 1913

MATERIALS FOR THE STUDY OF ENGLISH LITERATURE AND COMPOSITION

SELECTIONS FROM
NEWMAN, ARNOLD, HUXLEY, RUSKIN, AND CARLYLE

EDITED BY

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PREFACE

THE purpose of this book is to bring together in convenient form a series of selections from nineteenth-century essayists which can be used as material for thoughtful work in English composition, and which will form at the same time an introduction to the study of English literature. The last few years have witnessed a rapidly increasing tendency among teachers of English composition to make that subject not merely a study of words but of ideas as well. This tendency is, in the opinion of the editor of this volume, destined to be the salvation of our composition teaching. But it is beset with one danger, that of going too far afield in the search for ideas, with the result that the work becomes a consideration of smatterings—shreds and patches of ideas drawn here and there from philosophy and science and the propaganda of current social reform—rather than the pursuit of any scheme of connected thought. Teaching students to think demands coherence of subject-matter so that one idea is followed by another related to it and so that the whole can be built into an organic structure of thought. It is of course not necessary that this subject-matter be connected with English literature. It is perfectly possible for students to be trained to think and to express their thoughts in connection with any subject in the university curriculum or out of it, but only by an instructor competent to deal with that subject. The teacher of English will find in ideas connected with English literature his most effective subject-matter for thoughtful work in composition. The aim of this book is to supply that material.

The unifying purpose governing the choice of the material is to present the opinions of great English thinkers of the last century on the nature and significance of literature, its relation to science, and its place and value in education. To this end the volume opens with selections from Newman and Arnold dealing with the questions: What are the ends of education? What is the meaning of liberal knowledge or culture, and what is its relation to professional knowledge and to virtue? Following these, by means of four essays of Huxley's, the student is introduced to the question of the relative values of literature and science in education. The selections are so chosen as to give the comments of both Arnold and Huxley on each other's theories on this subject, to the end that their controversy may stimulate the student to think for himself about it. Next in order is printed Ruskin's *"Unto this Last,"* a book which, by its criticism of the "classical" Political Economy, offers an illustration of the relation of literature to science and of the possible value of the one to the other, and at the same time opens many interesting questions as to the bearing of literary ideals on the ethics of business. The final selection in the volume, Carlyle's "Hero as Poet," is a kind of summing up of the whole matter, presenting Carlyle's view of literature as an expression of thought, and indicating the connection of literature to other forms of thought through his idea of the Hero as a man who sees and teaches his fellows, whether by words or actions, more of the meaning of life than they could see for themselves.

The material here offered will, as the editor has proved by practical test, offer a wide variety of interesting topics for themes, the writing of which will demand careful and connected thought, and the end of the study should be not merely to give students some power to think and to express their thoughts, but also to open their eyes to the seriousness

and value of the study of literature. Because of the importance of the subject-matter and the connection in thought running through the selections, the volume will, it is hoped, be found useful also in purely literary courses as a means to the study of the points of view of the five men, selections from whose works are included in it.

Footnotes have been added wherever they seemed necessary to make the thought in the various selections clear, and they have been used also now and then to suggest interesting parallel reading. A short list of questions has been prefixed to each essay; these are designed primarily to give the undergraduate some means of knowing whether or not he is getting the meaning as he reads, but they may also be found useful in some cases as a basis for the class recitation. Except for a short bibliographical note on each selection, no account of the various authors or their works has been provided. For this and for general comment of a more extended character on the essays here reprinted students are referred to the editor's *College English,* to which these *Materials* are intended to form a companion volume.

The editor wishes to acknowledge his obligations to Messrs. Longmans, Green, and Company for permission to reprint the selections from Newman, to the Macmillan Company for the use of selections from Arnold, and to Messrs. D. Appleton and Company for the selections from Huxley. Ruskin's *"Unto this Last"* and Carlyle's *Heroes and Hero-Worship* are reprinted from the "World's Classics," published by the Oxford University Press. The editor's thanks are also due to Dr. Eugene Leser, Dr. Warner Fite, Dr. S. B. Harding, and Miss Mary Dunham, of Indiana University, and to Mr. John Munro, of Christ Church, Oxford, for help on various details of the editing.

PREFACE TO THE SECOND EDITION

I HAVE taken advantage of the opportunity offered by a second edition to add to these selections an essay of my own which was printed in September, 1914, about the time this volume first came from the press, and which formulates in general terms the aim of the whole collection. This essay I have placed at the end with the idea that it may serve as a text for a final discussion of the body of ideas brought out by the book, and thus assist the instructor in his effort to tie together and unify the various trains of thought suggested, by developing the idea of the place of English letters in a liberal education. Like the rest of the book this essay is intended to be merely suggestive and in no wise to do the student's thinking for him. If any single point is clear from a study of these selections, it should be that the liberal value of English literature to the student lies not in what he learns of the ideas of others but in what those ideas stimulate him to think out for himself.

Aside from a few corrections of the text no other changes have been made. My thanks are due to the editor of the *Atlantic* for permission to reprint the final essay.

F. A.

NEWMAN

THE IDEA OF A UNIVERSITY

BIBLIOGRAPHICAL NOTE.—The nine Discourses forming the first part of the *Idea of a University,* of which four are here reprinted, were delivered by Newman to Catholics in Dublin in 1852 when the foundation of the Catholic University of Dublin (of which Newman was Rector from 1854 to 1858) was projected. They were printed in that year as *Discourses on the Scope and Nature of University Education,* reprinted in 1859, and in 1873 were combined with other addresses and issued under the title, *The Idea of a University.* It is hardly necessary to point out that their purpose was not to recommend Roman Catholic theology to Protestants, but rather to explain to Catholics the nature and value of liberal culture.

QUESTIONS

(The numbers correspond to the sections of the text)

1. What, in Newman's opinion, is the benefit to the individual student of the teaching in the university of subjects which he has no time to study?

2. What is it in man's nature that makes knowledge worth gaining on its own account?

3. What is the point to the illustration drawn from Cicero?

4. What is the basis of Newman's distinction between liberal, on the one hand, and servile or useful, on the other?

5. What is Newman's conclusion from the long history of this distinction?

6. What is Newman's idea of the distinction between information and real or philosophical knowledge? What is his distinction between instruction and education?

7. What seems to be Newman's idea of the relation of liberal knowledge to virtue? What is the point to his illustration from *Rasselas?*

8. How does Newman make Bacon illustrate the other side?

9. Just what is Newman's claim for liberal knowledge? What is his real reason for considering it desirable?

I

KNOWLEDGE ITS OWN END

(*Idea of a University,* Discourse V)

A UNIVERSITY may be considered with reference either to its Students or to its Studies; and the principle, that all Knowledge is a whole and the separate Sciences [1] parts of one, which I have hitherto been using in behalf of its studies, is equally important when we direct our attention to its students. Now then I turn to the students, and shall consider the education which, by virtue of this principle, a University will give them; and thus I shall be introduced, Gentlemen, to the second question, which I propose to discuss, viz. whether and in what sense its teaching, viewed relatively to the taught, carries the attribute of Utility along with it.

I

I have said that all branches of knowledge are connected together, because the subject-matter of knowledge is intimately united in itself, as being the acts and the work of the Creator. Hence it is that the Sciences, into which our knowledge may be said to be cast, have multiplied bearings one on another, and an internal sympathy, and admit, or

[1] Newman uses the word "science" in these discourses as equivalent to "branch of knowledge," applying it to such studies as literature, history, and philosophy, as well as to studies which are at the present day called "scientific" in a narrower sense of the word.

rather demand, comparison and adjustment. They complete, correct, balance each other. This consideration, if well-founded, must be taken into account, not only as regards the attainment of truth, which is their common end, but as regards the influence which they exercise upon those whose education consists in the study of them. I have said already, that to give undue prominence to one is to be unjust to another; to neglect or supersede these is to divert those from their proper object. It is to unsettle the boundary lines between science and science, to disturb their action, to destroy the harmony which binds them together. Such a proceeding will have a corresponding effect when introduced into a place of education. There is no science but tells a different tale, when viewed as a portion of a whole, from what it is likely to suggest when taken by itself, without the safeguard, as I may call it, of others.

. . . . . .

It is a great point then to enlarge the range of studies which a University professes, even for the sake of the students; and, though they cannot pursue every subject which is open to them, they will be the gainers by living among those and under those who represent the whole circle. This I conceive to be the advantage of a seat of universal learning, considered as a place of education. An assemblage of learned men, zealous for their own sciences, and rivals of each other, are brought, by familiar intercourse and for the sake of intellectual peace, to adjust together the claims and relations of their respective subjects of investigation. They learn to respect, to consult, to aid each other. Thus is created a pure and clear atmosphere of thought, which the student also breathes, though in his own case he only pursues a few sciences out of the multitude. He profits by an intellectual tradition, which is independent of particular teachers, which

guides him in his choice of subjects, and duly interprets for him those which he chooses. He apprehends the great outlines of knowledge, the principles on which it rests, the scale of its parts, its lights and its shades, its great points and its little, as he otherwise cannot apprehend them.[1] Hence it is that his education is called "Liberal." A habit of mind is formed which lasts through life, of which the attributes are, freedom, equitableness, calmness, moderation, and wisdom; or what in a former Discourse I have ventured to call a philosophical habit. This then I would assign as the special fruit of the education furnished at a University, as contrasted with other places of teaching or modes of teaching. This is the main purpose of a University in its treatment of its students.

And now the question is asked me, What is the *use* of it? and my answer will constitute the main subject of the Discourses which are to follow.

2

Cautious and practical thinkers, I say, will ask of me, what, after all, is the gain of this Philosophy, of which I make such account, and from which I promise so much. Even supposing it to enable us to exercise the degree of trust exactly due to every science respectively, and to estimate precisely the value of every truth which is anywhere to be found, how are we better for this master view of things, which I have been extolling? Does it not reverse the principle of the division of labor? will practical objects be obtained better or worse by its cultivation? to what

[1] For further elaboration of Newman's conception of a university see pp. 70-1 below, and also his essay entitled "What is a University?" in his *Historical Sketches*, especially the passage quoted in *College English*, pp. 5-6.

then does it lead? where does it end? what does it do? how does it profit? what does it promise? Particular sciences are respectively the basis of definite arts, which carry on to results tangible and beneficial the truths which are the subjects of the knowledge attained; what is the Art of this science of sciences? what is the fruit of such a Philosophy? what are we proposing to effect, what inducements do we hold out to the Catholic community, when we set about the enterprise of founding a University?

I am asked what is the end of University Education, and of the Liberal or Philosophical Knowledge which I conceive it to impart: I answer, that what I have already said has been sufficient to show that it has a very tangible, real, and sufficient end, though the end cannot be divided from that knowledge itself. Knowledge is capable of being its own end. Such is the constitution of the human mind, that any kind of knowledge, if it be really such, is its own reward. And if this is true of all knowledge, it is true also of that special Philosophy, which I have made to consist in a comprehensive view of truth in all its branches, of the relations of science to science, of their mutual bearings, and their respective values. What the worth of such an acquirement is, compared with other objects which we seek,—wealth or power or honor or the conveniences and comforts of life, I do not profess here to discuss; but I would maintain, and mean to show, that it is an object, in its own nature so really and undeniably good, as to be the compensation of a great deal of thought in the compassing, and a great deal of trouble in the attaining.

Now, when I say that Knowledge is, not merely a means to something beyond it, or the preliminary of certain arts into which it naturally resolves, but an end sufficient to rest in and to pursue for its own sake, surely I am uttering no

paradox, for I am stating what is both intelligible in itself, and has ever been the common judgment of philosophers and the ordinary feeling of mankind. I am saying what at least the public opinion of this day ought to be slow to deny, considering how much we have heard of late years, in opposition to Religion, of entertaining, curious, and various knowledge. I am but saying what whole volumes have been written to illustrate, viz., by a "selection from the records of Philosophy, Literature, and Art, in all ages and countries, of a body of examples, to show how the most unpropitious circumstances have been unable to conquer an ardent desire for the acquisition of knowledge."[1] That further advantages accrue to us and redound to others by its possession, over and above what it is in itself, I am very far indeed from denying; but, independent of these, we are satisfying a direct need of our nature in its very acquisition; and, whereas our nature, unlike that of the inferior creation, does not at once reach its perfection, but depends, in order to it, on a number of external aids and appliances, Knowledge, as one of the principal of these, is valuable for what its very presence in us does for us after the manner of a habit, even though it be turned to no further account, nor subserve any direct end.

3

Hence it is that Cicero, in enumerating the various heads of mental excellence, lays down the pursuit of Knowledge for its own sake, as the first of them. "This pertains most of all to human nature," he says, "for we are all of us drawn to the pursuit of Knowledge; in which to excel we consider excellent, whereas to mistake, to err, to be ig-

[1] *Pursuit of Knowledge under Difficulties.* Introd. [Newman.]—By G. L. Craik, 1830-1.

norant, to be deceived, is both an evil and a disgrace."[1] And he considers Knowledge the very first object to which we are attracted, after the supply of our physical wants. After the calls and duties of our animal existence, as they may be termed, as regards ourselves, our family, and our neighbors, follows, he tells us, "the search after truth. Accordingly, as soon as we escape from the pressure of necessary cares, forthwith we desire to see, to hear, and to learn; and consider the knowledge of what is hidden or is wonderful a condition of our happiness."

This passage, though it is but one of many similar passages in a multitude of authors, I take for the very reason that it is so familiarly known to us; and I wish you to observe, Gentlemen, how distinctly it separates the pursuit of Knowledge from those ulterior objects to which certainly it can be made to conduce, and which are, I suppose, solely contemplated by the persons who would ask of me the use of a University or Liberal Education. So far from dreaming of the cultivation of Knowledge directly and mainly in order to our physical comfort and enjoyment, for the sake of life and person, of health, of the conjugal and family union, of the social tie and civil security, the great Orator implies, that it is only after our physical and political needs are supplied, and when we are "free from necessary duties and cares," that we are in a condition for "desiring to see, to hear, and to learn." Nor does he contemplate in the least degree the reflex or subsequent action of Knowledge, when acquired, upon those material goods which we set out by securing before we seek it; on the contrary, he expressly denies its bearing upon social life altogether, strange as such a procedure is to those who live after the rise of the

[1] Cicer. *Offic.* init. [Newman.]—The various quotations in this section are from Bk. I, chs. iv and vi.

Baconian philosophy, and he cautions us against such a cultivation of it as will interfere with our duties to our fellow-creatures. "All these methods," he says, "are engaged in the investigation of truth; by the pursuit of which to be carried off from public occupations is a transgression of duty. For the praise of virtue lies altogether in action; yet intermissions often occur, and then we recur to such pursuits; not to say that the incessant activity of the mind is vigorous enough to carry us on in the pursuit of knowledge, even without any exertion of our own." The idea of benefiting society by means of "the pursuit of science and knowledge" did not enter at all into the motives which he would assign for their cultivation.

This was the ground of the opposition which the elder Cato made to the introduction of Greek Philosophy among his countrymen, when Carneades and his companions, on occasion of their embassy, were charming the Roman youth with their eloquent expositions of it. The fit representative of a practical people, Cato estimated every thing by what it produced; whereas the Pursuit of Knowledge promised nothing beyond Knowledge itself. He despised that refinement or enlargement of mind of which he had no experience.[1]

4

Things, which can bear to be cut off from every thing else and yet persist in living, must have life in themselves; pursuits, which issue in nothing, and still maintain their ground for ages, which are regarded as admirable, though

[1] Cf. Plutarch's *Life of Cato* (Stewart & Long, II, 122-3). Newman is hardly fair to Cato, who might well be excused for resenting the attempt of Carneades to confound right and wrong in his sophistical justification of the scandalous plunder of Oropus by the Athenians.

they have not as yet proved themselves to be useful, must have their sufficient end in themselves, whatever it turn out to be. And we are brought to the same conclusion by considering the force of the epithet, by which the knowledge under consideration is popularly designated. It is common to speak of "*liberal* knowledge," of the "*liberal* arts and studies," and of a "*liberal* education," as the especial characteristic or property of a University and of a gentleman; what is really meant by the word? Now, first, in its grammatical sense it is opposed to *servile;* and by "servile work" is understood, as our catechisms inform us, bodily labor, mechanical employment, and the like, in which the mind has little or no part. Parallel to such servile works are those arts, if they deserve the name, of which the poet speaks,[1] which owe their origin and their method to hazard, not to skill; as, for instance, the practice and operations of an empiric. As far as this contrast may be considered as a guide into the meaning of the word, liberal education and liberal pursuits are exercises of mind, of reason, of reflection.

But we want something more for its explanation, for there are bodily exercises which are liberal, and mental exercises which are not so. For instance, in ancient times the practitioners in medicine were commonly slaves; yet it was an art as intellectual in its nature, in spite of the pretense, fraud, and quackery with which it might then, as now, be debased, as it was heavenly in its aim. And so in like manner, we contrast a liberal education with a commercial education or a professional; yet no one can deny that commerce and the professions afford scope for the highest and most diversified powers of mind. There is then a

[1] Τέχνη τύχην ἐστερξε καὶ τύχη τέχνην. Vid. Arist. *Nic. Ethic.* vi. [Newman.] "Art is beloved of chance and chance of art." Quoted by Aristotle from Agathon.

great variety of intellectual exercises, which are not technically called "liberal"; on the other hand, I say, there are exercises of the body which do receive that appellation. Such, for instance, was the palæstra, in ancient times; such the Olympic games, in which strength and dexterity of body as well as of mind gained the prize. In Xenophon we read of the young Persian nobility being taught to ride on horseback and to speak the truth; both being among the accomplishments of a gentleman. War, too, however rough a profession, has ever been accounted liberal, unless in cases when it becomes heroic, which would introduce us to another subject.

Now comparing these instances together, we shall have no difficulty in determining the principle of this apparent variation in the application of the term which I am examining. Manly games, or games of skill, or military prowess, though bodily, are, it seems, accounted liberal; on the other hand, what is merely professional, though highly intellectual, nay, though liberal in comparison of trade and manual labor, is not simply called liberal, and mercantile occupations are not liberal at all. Why this distinction? because that alone is liberal knowledge, which stands on its own pretensions, which is independent of sequel, expects no complement, refuses to be *informed* (as it is called) by any end, or absorbed into any art, in order duly to present itself to our contemplation. The most ordinary pursuits have this specific character, if they are self-sufficient and complete; the highest lose it, when they minister to something beyond them. It is absurd to balance, in point of worth and importance, a treatise on reducing fractures with a game of cricket or a fox-chase; yet of the two the bodily exercise has that quality which we call "liberal," and the intellectual has it not. And so of the learned professions altogether, considered merely as pro-

fessions; although one of them be the most popularly beneficial, and another the most politically important, and the third the most intimately divine of all human pursuits, yet the very greatness of their end, the health of the body, or of the commonwealth, or of the soul, diminishes, not increases, their claim to the appellation "liberal," and that still more, if they are cut down to the strict exigencies of that end. If, for instance, Theology, instead of being cultivated as a contemplation, be limited to the purposes of the pulpit or be represented by the catechism, it loses,—not its usefulness, not its divine character, not its meritoriousness (rather it gains a claim upon these titles by such charitable condescension),—but it does lose the particular attribute which I am illustrating; just as a face worn by tears and fasting loses its beauty, or a laborer's hand loses its delicateness;—for Theology thus exercised is not simple knowledge, but rather is an art or a business making use of Theology. And thus it appears that even what is supernatural need not be liberal, nor need a hero be a gentleman, for the plain reason that one idea is not another idea. And in like manner the Baconian Philosophy, by using its physical sciences in the service of man, does thereby transfer them from the order of Liberal Pursuits to, I do not say the inferior, but the distinct class of the Useful. And, to take a different instance, hence again, as is evident, whenever personal gain is the motive, still more distinctive an effect has it upon the character of a given pursuit; thus racing, which was a liberal exercise in Greece, forfeits its rank in times like these, so far as it is made the occasion of gambling.

All that I have been now saying is summed up in a few characteristic words of the great Philosopher. "Of possessions," he says, "those rather are useful, which bear fruit; those *liberal, which tend to enjoyment.* By fruitful,

I mean, which yield revenue; by enjoyable, where *nothing accrues of consequence beyond the using.*" [1]

5

Do not suppose, that in thus appealing to the ancients, I am throwing back the world two thousand years, and fettering Philosophy with the reasonings of paganism. While the world lasts, will Aristotle's doctrine on these matters last, for he is the oracle of nature and of truth. While we are men, we cannot help, to a great extent, being Aristotelians, for the great Master does but analyze the thoughts, feelings, views, and opinions of human kind. He has told us the meaning of our own words and ideas, before we were born. In many subject-matters, to think correctly, is to think like Aristotle; and we are his disciples whether we will or no, though we may not know it. Now, as to the particular instance before us, the word "liberal" as applied to Knowledge and Education, expresses a specific idea, which ever has been, and ever will be, while the nature of man is the same, just as the idea of the Beautiful is specific, or of the Sublime, or of the Ridiculous, or of the Sordid. It is in the world now, it was in the world then; and, as in the case of the dogmas of faith, it is illustrated by a continuous historical tradition, and never was out of the world, from the time it came into it. There have indeed been differences of opinion from time to time, as to what pursuits and what arts came under that idea, but such differences are but an additional evidence of its reality. That idea must have a substance in it, which has maintained its ground amid these conflicts and changes, which has ever served as a standard to measure things withal, which has passed from mind to mind

[1] Aristot. *Rhet.* i, 5. [Newman.]

unchanged, when there was so much to color, so much to influence any notion or thought whatever, which was not founded in our very nature. Were it a mere generalization, it would have varied with the subjects from which it was generalized; but though its subjects vary with the age, it varies not itself. The palæstra may seem a liberal exercise to Lycurgus, and illiberal to Seneca; coach-driving and prize-fighting may be recognized in Elis, and be condemned in England; music may be despicable in the eyes of certain moderns, and be in the highest place with Aristotle and Plato,—(and the case is the same in the particular application of the idea of Beauty, or of Goodness, or of Moral Virtue, there is a difference of tastes, a difference of judgments)—still these variations imply, instead of discrediting, the archetypal idea, which is but a previous hypothesis or condition, by means of which issue is joined between contending opinions, and without which there would be nothing to dispute about.

I consider, then, that I am chargeable with no paradox, when I speak of a Knowledge which is its own end, when I call it liberal knowledge, or a gentleman's knowledge, when I educate for it, and make it the scope of a University. And still less am I incurring such a charge, when I make this acquisition consist, not in Knowledge in a vague and ordinary sense, but in that Knowledge which I have especially called Philosophy or, in an extended sense of the word, Science; for whatever claims Knowledge has to be considered as a good, these it has in a higher degree when it is viewed not vaguely, not popularly, but precisely and transcendently as Philosophy. Knowledge, I say, is then especially liberal, or sufficient for itself, apart from every external and ulterior object, when and so far as it is philosophical, and this I proceed to show.

6

Now bear with me, Gentlemen, if what I am about to say, has at first sight a fanciful appearance. Philosophy, then, or Science, is related to Knowledge in this way:—Knowledge is called by the name of Science or Philosophy, when it is acted upon, informed, or if I may use a strong figure, impregnated by Reason. Reason is the principle of that intrinsic fecundity of Knowledge, which, to those who possess it, is its especial value, and which dispenses with the necessity of their looking abroad for any end to rest upon external to itself. Knowledge, indeed, when thus exalted into a scientific form, is also power; not only is it excellent in itself, but whatever such excellence may be, it is something more, it has a result beyond itself. Doubtless; but that is a further consideration, with which I am not concerned. I only say that, prior to its being a power, it is a good; that it is, not only an instrument, but an end. I know well it may resolve itself into an art, and terminate in a mechanical process, and in tangible fruit; but it also may fall back upon that Reason which informs it, and resolve itself into Philosophy. In one case it is called Useful Knowledge, in the other Liberal. The same person may cultivate it in both ways at once; but this again is a matter foreign to my subject; here I do but say that there are two ways of using Knowledge, and in matter of fact those who use it in one way are not likely to use it in the other, or at least in a very limited measure. You see, then, here are two methods of Education; the end of the one is to be philosophical, of the other to be mechanical; the one rises towards general ideas, the other is exhausted upon what is particular and external. Let me not be thought to deny the necessity, or to decry the benefit, of such attention to what is particular and practical, as be-

longs to the useful or mechanical arts; life could not go on without them; we owe our daily welfare to them, their exercise is the duty of the many, and we owe to the many a debt of gratitude for fulfilling that duty. I only say that Knowledge, in proportion as it tends more and more to be particular, ceases to be Knowledge. It is a question whether Knowledge can in any proper sense be predicated of the brute creation; without pretending to metaphysical exactness of phraseology, which would be unsuitable to an occasion like this, I say, it seems to me improper to call that passive sensation, or perception of things, which brutes seem to possess, by the name of Knowledge. When I speak of Knowledge, I mean something intellectual, something which grasps what it perceives through the senses; something which takes a view of things; which sees more than the senses convey; which reasons upon what it sees, and while it sees; which invests it with an idea. It expresses itself, not in a mere enunciation, but by an enthymeme: it is of the nature of science from the first, and in this consists its dignity. The principle of real dignity in Knowledge, its worth, its desirableness, considered irrespectively of its results, is this germ within it of a scientific or a philosophical process. This is how it comes to be an end in itself; this is why it admits of being called Liberal. Not to know the relative disposition of things is the state of slaves or children; to have mapped out the Universe is the boast, or at least the ambition, of Philosophy.

Moreover, such knowledge is not a mere extrinsic or accidental advantage, which is ours to-day and another's to-morrow, which may be got up from a book, and easily forgotten again, which we can command or communicate at our pleasure, which we can borrow for the occasion, carry about in our hand, and take into the market; it is an acquired illumination, it is a habit, a personal pos-

session, and an inward endowment. And this is the reason, why it is more correct, as well as more usual, to speak of a University as a place of education, than of instruction, though, when knowledge is concerned, instruction would at first sight have seemed the more appropriate word. We are instructed, for instance, in manual exercises, in the fine and useful arts, in trades, and in ways of business; for these are methods, which have little or no effect upon the mind itself, are contained in rules committed to memory, to tradition, or to use, and bear upon an end external to themselves. But education is a higher word; it implies an action upon our mental nature, and the formation of a character; it is something individual and permanent, and is commonly spoken of in connection with religion and virtue. When, then, we speak of the communication of Knowledge as being Education, we thereby really imply that that Knowledge is a state or condition of mind; and since cultivation of mind is surely worth seeking for its own sake, we are thus brought once more to the conclusion, which the word "Liberal" and the word "Philosophy" have already suggested, that there is a Knowledge, which is desirable, though nothing come of it, as being of itself a treasure, and a sufficient remuneration of years of labor.

7

This, then, is the answer which I am prepared to give to the question with which I opened this Discourse. Before going on to speak of the object of the Church in taking up Philosophy, and the uses to which she puts it, I am prepared to maintain that Philosophy is its own end, and, as I conceive, I have now begun the proof of it. I am prepared to maintain that there is a knowledge worth possessing for what it is, and not merely for what it does;

and what minutes remain to me to-day I shall devote to the removal of some portion of the indistinctness and confusion with which the subject may in some minds be surrounded.

It may be objected then, that, when we profess to seek Knowledge for some end or other beyond itself, whatever it be, we speak intelligibly; but that, whatever men may have said, however obstinately the idea may have kept its ground from age to age, still it is simply unmeaning to say that we seek Knowledge for its own sake, and for nothing else; for that it ever leads to something beyond itself, which therefore is its end, and the cause why it is desirable;—moreover, that this end is twofold, either of this world or of the next; that all knowledge is cultivated either for secular objects or for eternal; that if it is directed to secular objects, it is called Useful Knowledge, if to eternal, Religious or Christian Knowledge;—in consequence, that if, as I have allowed, this Liberal Knowledge does not benefit the body or estate, it ought to benefit the soul; but if the fact be really so, that it is neither a physical or a secular good on the one hand, nor a moral good on the other, it cannot be a good at all, and is not worth the trouble which is necessary for its acquisition.

And then I may be reminded that the professors of this Liberal or Philosophical Knowledge have themselves, in every age, recognized this exposition of the matter, and have submitted to the issue in which it terminates; for they have ever been attempting to make men virtuous; or, if not, at least have assumed that refinement of mind was virtue, and that they themselves were the virtuous portion of mankind. This they have professed on the one hand; and on the other, they have utterly failed in their professions, so as ever to make themselves a proverb among men, and a laughing-stock both to the grave and

the dissipated portion of mankind, in consequence of them. Thus they have furnished against themselves both the ground and the means of their own exposure, without any trouble at all to anyone else. In a word, from the time that Athens was the University of the world, what has Philosophy taught men, but to promise without practicing, and to aspire without attaining? What has the deep and lofty thought of its disciples ended in but eloquent words? Nay, what has its teaching ever meditated, when it was boldest in its remedies for human ill, beyond charming us to sleep by its lessons, that we might feel nothing at all? like some melodious air, or rather like those strong and transporting perfumes, which at first spread their sweetness over every thing they touch, but in a little while do but offend in proportion as they once pleased us. Did Philosophy support Cicero under the disfavor of the fickle populace, or nerve Seneca to oppose an imperial tyrant? It abandoned Brutus, as he sorrowfully confessed, in his greatest need, and it forced Cato, as his panegyrist strangely boasts, into the false position of defying heaven. How few can be counted among its professors, who, like Polemo, were thereby converted from a profligate course, or like Anaxagoras, thought the world well lost in exchange for its possession?[1] The philosopher in *Rasselas* taught a superhuman doctrine, and then succumbed without an effort to a trial of human affection.

"He discoursed," we are told, "with great energy on

[1] See Stewart and Long's translation of Plutarch's *Lives*, as follows, for the points which Newman makes: Cicero, iv, 174-206; Brutus, iv, 436; Cato, ii, 121.

Seneca, tutor to the emperor Nero, kept himself in favor by deferring to his master's whims. Polemon (died 270 B.C.), a follower of Xenocrates, was a profligate in his youth. Anaxagoras (500-428 B.C.), having allowed his estate to be ruined while he studied philosophy, is reported to have said, "To philosophy I owe my worldly ruin and my soul's prosperity."

the government of the passions. His look was venerable, his action graceful, his pronunciation clear, and his diction elegant. He showed, with great strength of sentiment and variety of illustration, that human nature is degraded and debased, when the lower faculties predominate over the higher. He communicated the various precepts given, from time to time, for the conquest of passion, and displayed the happiness of those had obtained the important victory, after which man is no longer the slave of fear, nor the fool of hope. . . . He enumerated many examples of heroes immovable by pain or pleasure, who looked with indifference on those modes or accidents to which the vulgar give the names of good and evil."

Rasselas in a few days found the philosopher in a room half darkened, with his eyes misty, and his face pale. "Sir," said he, "you have come at a time when all human friendship is useless; what I suffer cannot be remedied, what I have lost cannot be supplied. My daughter, my only daughter, from whose tenderness I expected all the comforts of my age, died last night of a fever." "Sir," said the prince, "mortality is an event by which a wise man can never be surprised; we know that death is always near, and it should therefore always be expected." "Young man," answered the philosopher, "you speak like one who has never felt the pangs of separation." "Have you, then, forgot the precept," said Rasselas, "which you so powerfully enforced? . . . consider that external things are naturally variable, but truth and reason are always the same." "What comfort," said the mourner, "can truth and reason afford me? Of what effect are they now, but to tell me that my daughter will not be restored?"

8

Better, far better, to make no professions, you will say, than to cheat others with what we are not, and to scandalize them with what we are. The sensualist, or the man of the world, at any rate is not the victim of fine words, but pursues a reality and gains it. The Philosophy of Utility, you will say, Gentlemen, has at least done its work; and I grant it,—it aimed low, but it has fulfilled its aim. If that man of great intellect who has been its Prophet in the conduct of life played false to his own professions, he was not bound by his philosophy to be true to his friend or faithful in his trust. Moral virtue was not the line in which he undertook to instruct men; and though, as the poet calls him, he were the "meanest" of mankind,[1] he was so in what may be called his private capacity and without any prejudice to the theory of induction. He had a right to be so, if he chose, for any thing that the Idols of the den or the theater[2] had to say to the contrary. His mission was the increase of physical enjoyment and social comfort;[3] and most wonderfully, most awfully has he fulfilled his conception and his design. Almost day by day have we fresh and fresh shoots, and buds, and blossoms, which are to ripen into fruit, on that magical tree of Knowledge which he planted, and to which none of us perhaps, except the very poor, but owes, if not his present life, at least his daily food, his health, and gen-

[1] "If Parts allure thee, think how Bacon shin'd,
The wisest, brightest, meanest of mankind!"
Pope, *Essay on Man*, iv, 281-2.

[2] Bacon uses the word "Idols" in explaining his doctrine of false appearance, the mistakes regarding nature into which human habits of thought tend to lead us. Cp. *De Augmentis*, Bk. V, ch. 4.

[3] It will be seen that on the whole I agree with Lord Macaulay in his Essay on Bacon's Philosophy. I do not know whether he would agree with me. [Newman.]

eral well-being. He was the divinely provided minister of temporal benefits to all of us so great, that, whatever I am forced to think of him as a man, I have not the heart, from mere gratitude, to speak of him severely. And, in spite of the tendencies of his philosophy, which are, as we see at this day, to depreciate, or to trample on Theology, he has himself, in his writings, gone out of his way, as if with a prophetic misgiving of those tendencies, to insist on it as the instrument of that beneficent Father,[1] who, when He came on earth in visible form, took on Him first and most prominently the office of assuaging the bodily wounds of human nature. And truly, like the old mediciner in the tale, "he sat diligently at his work, and hummed, with cheerful countenance, a pious song;" and then in turn "went out singing into the meadows so gayly, that those who had seen him from afar might well have thought it was a youth gathering flowers for his beloved, instead of an old physician gathering healing herbs in the morning dew."[2]

Alas, that men, in the action of life or in their heart of hearts, are not what they seem to be in their moments of excitement, or in their trances or intoxications of genius, —so good, so noble, so serene! Alas, that Bacon too in

[1] *De Augment.*, iv, 2, vid. Macaulay's Essay; vid. also, "At the outset of the work I most humbly and fervently pray to God the Father, God the Son, and God the Holy Ghost, that remembering the sorrows of mankind and the pilgrimage of this our life wherein we wear out days few and evil, they will vouchsafe *through my hands to endow the human family with new mercies.* This likewise I humbly pray, that *things human may not interfere with things divine*, and that *from the opening of the ways of sense* and the increase of natural light *there may arise in our minds no incredulity* or darkness with regard to the divine mysteries; etc."—Preface to the *Great Instauration.* [Newman's note, with Ellis and Spedding's translation substituted for the Latin passage.]

[2] Fouqué's *Unknown Patient.* [Newman.]—By F. H. C. de la Motte Fouqué (1777-1843), German poet and romance writer, the author of *Undine.*

his own way should after all be but the fellow of those heathen philosophers who in their disadvantages had some excuse for their inconsistency, and who surprise us rather in what they did say than in what they did not do! Alas, that he too, like Socrates or Seneca,[1] must be stripped of his holy-day coat, which looks so fair, and should be but a mockery amid his most majestic gravity of phrase; and, for all his vast abilities, should, in the littleness of his own moral being, but typify the intellectual narrowness of his school! However, granting all this, heroism after all was not his philosophy:—I cannot deny he has abundantly achieved what he proposed. His is simply a Method whereby bodily discomforts and temporal wants are to be most effectually removed from the greatest number; and already, before it has shown any signs of exhaustion, the gifts of nature, in their most artificial shapes and luxurious profusion and diversity, from all quarters of the earth, are, it is undeniable, by its means brought even to our doors, and we rejoice in them.

9

Useful Knowledge then, I grant, has done its work; and Liberal Knowledge as certainly has not done its work,—that is, supposing, as the objectors assume, its direct end, like Religious Knowledge, is to make men better; but this I will not for an instant allow, and, unless I allow it, those objectors have said nothing to the purpose. I admit, rather I maintain, what they have been urging, for I consider Knowledge to have its end in itself. For all its friends, or its enemies, may say, I insist upon it, that it is as real a mistake to burden it with virtue or religion as with

[1] For Seneca, see p. 17, note; Newman strangely enough seems to accept as true the charge upon which Socrates was put to death—that of corrupting the Athenian youth.

the mechanical arts. Its direct business is not to steel the soul against temptation or to console it in affliction, any more than to set the loom in motion, or to direct the steam carriage; be it ever so much the means or the condition of both material and moral advancement, still, taken by and in itself, it as little mends our hearts as it improves our temporal circumstances. And if its eulogists claim for it such a power, they commit the very same kind of encroachment on a province not their own as the political economist who should maintain that his science educated him for casuistry or diplomacy. Knowledge is one thing, virtue is another; good sense is not conscience, refinement is not humility, nor is largeness and justness of view faith. Philosophy, however enlightened, however profound, gives no command over the passions, no influential motives, no vivifying principles. Liberal Education makes not the Christian, not the Catholic, but the gentleman. It is well to be a gentleman, it is well to have a cultivated intellect, a delicate taste, a candid, equitable, dispassionate mind, a noble and courteous bearing in the conduct of life;—these are the connatural qualities of a large knowledge; they are the objects of a University; I am advocating, I shall illustrate and insist upon them; but still, I repeat, they are no guarantee for sanctity or even for conscientiousness, they may attach to the man of the world, to the profligate, to the heartless,—pleasant, alas, and attractive as he shows when decked out in them. Taken by themselves, they do but seem to be what they are not; they look like virtue at a distance, but they are detected by close observers, and on the long run; and hence it is that they are popularly accused of pretense and hypocrisy, not, I repeat, from their own fault, but because their professors and their admirers persist in taking them for what they are not, and are officious in arrogating for them a

praise to which they have no claim. Quarry the granite rock with razors, or moor the vessel with a thread of silk; then may you hope with such keen and delicate instruments as human knowledge and human reason to contend against those giants, the passion and the pride of man.

Surely we are not driven to theories of this kind, in order to vindicate the value and dignity of Liberal Knowledge. Surely the real grounds on which its pretensions rest are not so very subtle or abstruse, so very strange or improbable. Surely it is very intelligible to say, and that is what I say here, that Liberal Education, viewed in itself, is simply the cultivation of the intellect, as such, and its object is nothing more or less than intellectual excellence. Every thing has its own perfection, be it higher or lower in the scale of things; and the perfection of one is not the perfection of another. Things animate, inanimate, visible, invisible, all are good in their kind, and have a *best* of themselves, which is an object of pursuit. Why do you take such pains with your garden or your park? You see to your walks and turf and shrubberies; to your trees and drives; not as if you meant to make an orchard of the one, or corn or pasture land of the other, but because there is a special beauty in all that is goodly in wood, water, plain, and slope, brought all together by art into one shape, and grouped into one whole. Your cities are beautiful, your palaces, your public buildings, your territorial mansions, your churches; and their beauty leads to nothing beyond itself. There is a physical beauty and a moral: there is a beauty of person, there is a beauty of our moral being, which is natural virtue; and in like manner there is a beauty, there is a perfection, of the intellect. There is an ideal perfection in these various subject-matters, towards which individual instances are seen to rise, and which are the standards for all instances whatever. The Greek divini-

ties and demigods, as the statuary has molded them, with their symmetry of figure, and their high forehead and their regular features, are the perfection of physical beauty. The heroes, of whom history tells, Alexander, or Cæsar, or Scipio, or Saladin, are the representatives of that magnanimity or self-mastery which is the greatness of human nature. Christianity too has its heroes, and in the supernatural order, and we call them Saints. The artist puts before him beauty of feature and form; the poet, beauty of mind; the preacher, the beauty of grace: then intellect too, I repeat, has its beauty, and it has those who aim at it. To open the mind, to correct it, to refine it, to enable it to know, and to digest, master, rule, and use its knowledge, to give it power over its own faculties, application, flexibility, method, critical exactness, sagacity, resource, address, eloquent expression, is an object as intelligible (for here we are inquiring, not what the object of a Liberal Education is worth, nor what use the Church makes of it, but what it is in itself), I say, an object as intelligible as the cultivation of virtue, while, at the same time, it is absolutely distinct from it.

10

This indeed is but a temporal object, and a transitory possession;[1] but so are other things in themselves which we make much of and pursue. The moralist will tell us that man, in all his functions, is but a flower which blossoms and fades, except so far as a higher principle breathes upon him, and makes him and what he is immortal. Body and mind are carried on into an eternal state of being by

[1] While insisting on the value of liberal knowledge for the making of a gentleman, Newman is careful always to deny that it alone is sufficient to make a man truly virtuous. See Essay IV and compare with it the ideas of Arnold, Huxley, and Carlyle as given in the selections below.

the gifts of Divine Munificence; but at first they do but fail in a failing world; and if the powers of intellect decay, the powers of the body have decayed before them, and, as an Hospital or an Almshouse, though its end be ephemeral, may be sanctified to the service of religion, so surely may a University, even were it nothing more than I have as yet described it. We attain to heaven by using this world well, though it is to pass away; we perfect our nature, not by undoing it, but by adding to it what is more than nature, and directing it towards aims higher than its own.

QUESTIONS

1. In what way is Newman's definition of the terms "philosophy," "enlargement of the mind," etc., a summary of the preceding Discourse?

2. How does Newman propose to investigate the nature of liberal knowledge?

3. What is his idea of the proper distinction between university study and that of the preparatory schools? Does he consider liberal knowledge to be a matter independent of the acquirement of information?

4. Explain his illustrations of enlargement of the mind through the acquirement of new ideas.

5. What else, in his opinion, besides increased knowledge, is necessary to such enlargement?

6. What are the qualities which liberal or philosophical knowledge give to the intellect? How are they different from genius?

7. How does liberal knowledge differ from encyclopedic information? What does Newman mean by saying that one cannot make progress on a level?

8. How does liberal knowledge differ from smatterings?

9. Why does Newman think that conversation alone would give students a more liberal education than such a course of smatterings?

10. Why does he think that self-education would also be superior?

II

KNOWLEDGE VIEWED IN RELATION TO LEARNING

(*Idea of a University,* Discourse VI)

I

It were well if the English, like the Greek language, possessed some definite word to express, simply and generally, intellectual proficiency or perfection, such as "health," as used with reference to the animal frame, and "virtue," with reference to our moral nature. I am not able to find such a term;—talent, ability, genius, belong distinctly to the raw material, which is the subject-matter, not to that excellence which is the result of exercise and training. When we turn, indeed, to the particular kinds of intellectual perfection, words are forthcoming for our purpose, as, for instance, judgment, taste, and skill; yet even these belong, for the most part, to powers or habits bearing upon practice or upon art, and not to any perfect condition of the intellect, considered in itself. Wisdom, again, is certainly a more comprehensive word than any other, but it has a direct relation to conduct, and to human life. Knowledge, indeed, and Science express purely intellectual ideas, but still not a state or quality of the intellect; for knowledge, in its ordinary sense, is but one of its circumstances, denoting a possession or a habit; and science has been appropriated to the subject-matter of the intellect, instead of belonging in English, as it

ought to do, to the intellect itself. The consequence is that, on an occasion like this, many words are necessary, in order, first, to bring out and convey what surely is no difficult idea in itself,—that of the cultivation of the intellect as an end; next, in order to recommend what surely is no unreasonable object; and lastly, to describe and make the mind realize the particular perfection in which that object consists. Everyone knows practically what are the constituents of health or of virtue; and everyone recognizes health and virtue as ends to be pursued; it is otherwise with intellectual excellence, and this must be my excuse, if I seem to anyone to be bestowing a good deal of labor on a preliminary matter.

In default of a recognized term, I have called the perfection or virtue of the intellect by the name of philosophy, philosophical knowledge, enlargement of mind, or illumination; terms which are not uncommonly given to it by writers of this day: but, whatever name we bestow on it, it is, I believe, as a matter of history, the business of a University to make this intellectual culture its direct scope, or to employ itself in the education of the intellect,—just as the work of a Hospital lies in healing the sick or wounded, of a Riding or Fencing School, or of a Gymnasium, in exercising the limbs, of an Almshouse, in aiding and solacing the old, of an Orphanage, in protecting innocence, of a Penitentiary, in restoring the guilty. I say, a University, taken in its bare idea, and before we view it as an instrument of the Church, has this object and this mission; it contemplates neither moral impression nor mechanical production; it professes to exercise the mind neither in art nor in duty; its function is intellectual culture; here it may leave its scholars, and it has done its work when it has done as much as this. It educates the intellect to reason well in all matters, to reach out towards truth, and to grasp it.

2

This, I said in my foregoing Discourse, was the object of a University, viewed in itself, and apart from the Catholic Church, or from the State, or from any other power which may use it; and I illustrated this in various ways. I said that the intellect must have an excellence of its own, for there was nothing which had not its specific good; that the word "educate" would not be used of intellectual culture, as it is used, had not the intellect had an end of its own; that, had it not such an end, there would be no meaning in calling certain intellectual exercises "liberal," in contrast with "useful," as is commonly done; that the very notion of a philosophical temper implied it, for it threw us back upon research and system as ends in themselves, distinct from effects and works of any kind; that a philosophical scheme of knowledge, or system of sciences, could not, from the nature of the case, issue in any one definite art or pursuit, as its end; and that, on the other hand, the discovery and contemplation of truth, to which research and systematizing led, were surely sufficient ends, though nothing beyond them were added, and that they had ever been accounted sufficient by mankind.

Here then I take up the subject; and, having determined that the cultivation of the intellect is an end distinct and sufficient in itself, and that, so far as words go it is an enlargement or illumination, I proceed to inquire what this mental breadth, or power, or light, or philosophy consists in. A Hospital heals a broken limb or cures a fever: what does an Institution effect, which professes the health, not of the body, not of the soul, but of the intellect? What is this good, which in former times, as well as our own, has been found worth the notice, the appropriation, of the Catholic Church?

I have then to investigate, in the Discourses which follow, those qualities and characteristics of the intellect in which its cultivation issues or rather consists; and, with a view of assisting myself in this undertaking, I shall recur to certain questions which have already been touched upon. These questions are three: viz., the relation of intellectual culture, first, to *mere* knowledge; secondly, to *professional* knowledge; and thirdly, to *religious* knowledge. In other words, are *acquirements* and *attainments* the scope of a University Education? or *expertness in particular arts and pursuits?* or *moral and religious proficiency?* or something besides these three? These questions I shall examine in succession, with the purpose I have mentioned; and I hope to be excused, if, in this anxious undertaking, I am led to repeat what, either in these Discourses or elsewhere, I have already put upon paper. And first, of *Mere Knowledge,* or Learning, and its connection with intellectual illumination or Philosophy.

3

I suppose, the *primâ-facie* view which the public at large would take of a University, considering it as a place of Education, is nothing more or less than a place for acquiring a great deal of knowledge on a great many subjects. Memory is one of the first developed of the mental faculties; a boy's business when he goes to school is to learn, that is, to store up things in his memory. For some years his intellect is little more than an instrument for taking in facts, or a receptacle for storing them; he welcomes them as fast as they come to him; he lives on what is without; he has his eyes ever about him; he has a lively susceptibility of impressions; he imbibes information of every kind; and little does he make his own in a true sense of the word, living rather upon his neighbors all around him. He

has opinions, religious, political, and literary, and, for a boy, is very positive in them and sure about them; but he gets them from his schoolfellows, or his masters, or his parents, as the case may be. Such as he is in his other relations, such also is he in his school exercises; his mind is observant, sharp, ready, retentive; he is almost passive in the acquisition of knowledge. I say this in no disparagement of the idea of a clever boy. Geography, chronology, history, language, natural history, he heaps up the matter of these studies as treasures for a future day. It is the seven years of plenty with him: he gathers in by handfuls, like the Egyptians, without counting; and though, as time goes on, there is exercise for his argumentative powers in the Elements of Mathematics, and for his taste in the Poets and Orators, still, while at school, or at least, till quite the last years of his time, he acquires, and little more; and when he is leaving for the University, he is mainly the creature of foreign influences and circumstances, and made up of accidents, homogeneous or not, as the case may be. Moreover, the moral habits, which are a boy's praise, encourage and assist this result; that is, diligence, assiduity, regularity, dispatch, persevering application; for these are the direct conditions of acquisition, and naturally lead to it. Acquirements, again, are emphatically producible, and at a moment; they are a something to show, both for master and scholar; an audience, even though ignorant themselves of the subjects of an examination, can comprehend when questions are answered and when they are not. Here again is a reason why mental culture is in the minds of men identified with the acquisition of knowledge.

The same notion possesses the public mind, when it passes on from the thought of a school to that of a University: and with the best of reasons so far as this, that there is no true culture without acquirements, and that phi-

losophy presupposes knowledge. It requires a great deal of reading, or a wide range of information, to warrant us in putting forth our opinions on any serious subject; and without such learning the most original mind may be able indeed to dazzle, to amuse, to refute, to perplex, but not to come to any useful result or any trustworthy conclusion. There are indeed persons who profess a different view of the matter, and even act upon it. Every now and then you will find a person of vigorous or fertile mind, who relies upon his own resources, despises all former authors, and gives the world, with the utmost fearlessness, his views upon religion, or history, or any other popular subject. And his works may sell for a while; he may get a name in his day; but this will be all. His readers are sure to find on the long run that his doctrines are mere theories, and not the expression of facts, that they are chaff instead of bread, and then his popularity drops as suddenly as it rose.

Knowledge then is the indispensable condition of expansion of mind, and the instrument of attaining to it; this cannot be denied, it is ever to be insisted on; I begin with it as a first principle; however, the very truth of it carries men too far, and confirms to them the notion that it is the whole of the matter. A narrow mind is thought to be that which contains little knowledge; and an enlarged mind, that which holds a great deal; and what seems to put the matter beyond dispute is, the fact of the great number of studies which are pursued in a University, by its very profession. Lectures are given on every kind of subject; examinations are held; prizes awarded. There are moral, metaphysical, physical Professors; Professors of languages, of history, of mathematics, of experimental science. Lists of questions are published, wonderful for their range and depth, variety and difficulty; treatises are

written, which carry upon their very face the evidence of extensive reading or multifarious information; what then is wanting for mental culture to a person of large reading and scientific attainments? what is grasp of mind but acquirement? where shall philosophical repose be found, but in the consciousness and enjoyment of large intellectual possessions?

And yet this notion is, I conceive, a mistake, and my present business is to show that it is one, and that the end of a Liberal Education is not mere knowledge, or knowledge considered in its *matter;* and I shall best attain my object, by actually setting down some cases, which will be generally granted to be instances of the process of enlightenment or enlargement of mind, and others which are not, and thus, by the comparison, you will be able to judge for yourselves, Gentlemen, whether Knowledge, that is, acquirement, is after all the real principle of the enlargement, or whether that principle is not rather something beyond it.

4

For instance,[1] let a person, whose experience has hitherto been confined to the more calm and unpretending scenery of these islands, whether here or in England, go for the first time into parts where physical nature puts on her wilder and more awful forms, whether at home or abroad, as into mountainous districts; or let one, who has ever lived in a quiet village, go for the first time to a great metropolis,—then I suppose he will have a sensation which perhaps he never had before. He has a feeling not in ad-

[1] The pages which follow are taken almost *verbatim* from the author's 14th (Oxford) University Sermon, which, at the time of writing this Discourse, he did not expect ever to reprint. [Newman.]

dition or increase of former feelings, but of something different in its nature. He will perhaps be borne forward, and find for a time that he has lost his bearings. He has made a certain progress, and he has a consciousness of mental enlargement; he does not stand where he did, he has a new center, and a range of thoughts to which he was before a stranger.

Again, the view of the heavens which the telescope opens upon us, if allowed to fill and possess the mind, may almost whirl it round and make it dizzy. It brings in a flood of ideas, and is rightly called an intellectual enlargement, whatever is meant by the term.

And so again, the sight of beasts of prey and other foreign animals, their strangeness, the originality (if I may use the term) of their forms and gestures and habits and their variety and independence of each other, throw us out of ourselves into another creation, and as if under another Creator, if I may so express the temptation which may come on the mind. We seem to have new faculties, or a new exercise for our faculties, by this addition to our knowledge; like a prisoner, who, having been accustomed to wear manacles or fetters, suddenly finds his arms and legs free.

Hence Physical Science generally, in all its departments, as bringing before us the exuberant riches and resources, yet the orderly course, of the Universe, elevates and excites the student, and at first, I may say, almost takes away his breath, while in time it exercises a tranquilizing influence upon him.

Again, the study of history is said to enlarge and enlighten the mind, and why? because, as I conceive, it gives it a power of judging of passing events, and of all events, and a conscious superiority over them, which before it did not possess.

And in like manner, what is called seeing the world, entering into active life, going into society, traveling, gaining acquaintance with the various classes of the community, coming into contact with the principles and modes of thought of various parties, interests, and races, their views, aims, habits and manners, their religious creeds and forms of worship,—gaining experience how various yet how alike men are, how low-minded, how bad, how opposed, yet how confident in their opinions; all this exerts a perceptible influence upon the mind, which it is impossible to mistake, be it good or be it bad, and is popularly called its enlargement.

And then again, the first time the mind comes across the arguments and speculations of unbelievers, and feels what a novel light they cast upon what he has hitherto accounted sacred; and still more, if it gives in to them and embraces them, and throws off as so much prejudice what it has hitherto held, and, as if waking from a dream, begins to realize to its imagination that there is now no such thing as law and the transgression of law, that sin is a phantom, and punishment a bugbear, that it is free to sin, free to enjoy the world and the flesh; and still further, when it does enjoy them, and reflects that it may think and hold just what it will, that "the world is all before it where to choose," [1] and what system to build up as its own private persuasion; when this torrent of willful thoughts rushes over and inundates it, who will deny that the fruit of the tree of knowledge, or what the mind takes for knowledge, has made it one of the gods, with a sense of expansion and elevation,—an intoxication in reality, still, so far as the subjective state of the mind goes, an illumination? Hence the fanaticism of individuals or nations, who suddenly cast off their Maker. Their eyes are opened; and, like the

[1] *Paradise Lost*, xii, 646.

judgment-stricken king in the Tragedy,[1] they see two suns, and a magic universe, out of which they look back upon their former state of faith and innocence with a sort of contempt and indignation, as if they were then but fools, and the dupes of imposture.

On the other hand, Religion has its own enlargement, and an enlargement, not of tumult, but of peace. It is often remarked of uneducated persons, who have hitherto thought little of the unseen world, that, on their turning to God, looking into themselves, regulating their hearts, reforming their conduct, and meditating on death and judgment, heaven and hell, they seem to become, in point of intellect, different beings from what they were. Before, they took things as they came, and thought no more of one thing than another. But now every event has a meaning; they have their own estimate of whatever happens to them; they are mindful of times and seasons, and compare the present with the past; and the world, no longer dull, monotonous, unprofitable, and hopeless, is a various and complicated drama, with parts and an object, and an awful moral.

5

Now from these instances, to which many more might be added, it is plain, first, that the communication of knowledge certainly is either a condition or the means of that sense of enlargement or enlightenment, of which at this day we hear so much in certain quarters: this cannot be denied; but next, it is equally plain, that such communication is not the whole of the process. The enlargement consists, not merely in the passive reception into the mind of a number

[1] Pentheus, King of Thebes, in the *Bacchae* of Euripides, who opposed the worship of Dionysus; he was driven mad by the god and torn to pieces by the Bacchanals.

of ideas hitherto unknown to it, but in the mind's energetic and simultaneous action upon and towards and among those new ideas, which are rushing in upon it. It is the action of a formative power, reducing to order and meaning the matter of our acquirements; it is a making the objects of our knowledge subjectively our own, or, to use a familiar word, it is a digestion of what we receive, into the substance of our previous state of thought; and without this no enlargement is said to follow. There is no enlargement, unless there be a comparison of ideas one with another, as they come before the mind, and a systematizing of them. We feel our minds to be growing and expanding *then,* when we not only learn, but refer what we learn to what we know already. It is not the mere addition to our knowledge that is the illumination; but the locomotion, the movement onwards, of that mental center, to which both what we know, and what we are learning, the accumulating mass of our acquirements, gravitates. And therefore a truly great intellect, and recognized to be such by the common opinion of mankind, such as the intellect of Aristotle, or of St. Thomas, or of Newton, or of Goethe, (I purposely take instances within and without the Catholic pale, when I would speak of the intellect as such,) is one which takes a connected view of old and new, past and present, far and near, and which has an insight into the influence of all these one on another; without which there is no whole, and no center. It possesses the knowledge, not only of things, but also of their mutual and true relations; knowledge, not merely considered as acquirement, but as philosophy.

Accordingly, when this analytical, distributive, harmonizing process is away, the mind experiences no enlargement, and is not reckoned as enlightened or comprehensive, whatever it may add to its knowledge. For instance, a great memory, as I have already said, does not make a philos-

opher, any more than a dictionary can be called a grammar. There are men who embrace in their minds a vast multitude of ideas, but with little sensibility about their real relations towards each other. These may be antiquarians, annalists, naturalists; they may be learned in the law; they may be versed in statistics; they are most useful in their own place; I should shrink from speaking disrespectfully of them; still, there is nothing in such attainments to guarantee the absence of narrowness of mind. If they are nothing more than well-read men, or men of information, they have not what specially deserves the name of culture of mind, or fulfills the type of Liberal Education.

In like manner, we sometimes fall in with persons who have seen much of the world, and of the men who, in their day, have played a conspicuous part in it, but who generalize nothing, and have no observation, in the true sense of the word. They abound in information in detail, curious and entertaining, about men and things; and, having lived under the influence of no very clear or settled principles, religious or political, they speak of every one and every thing, only as so many phenomena, which are complete in themselves, and lead to nothing, not discussing them, or teaching any truth, or instructing the hearer, but simply talking. No one would say that these persons, well informed as they are, had attained to any great culture of intellect or to philosophy.

The case is the same still more strikingly where the persons in question are beyond dispute men of inferior powers and deficient education. Perhaps they have been much in foreign countries, and they receive, in a passive, otiose, unfruitful way, the various facts which are forced upon them there. Seafaring men, for example, range from one end of the earth to the other; but the multiplicity of external objects, which they have encountered, forms no

symmetrical and consistent picture upon their imagination; they see the tapestry of human life, as it were on the wrong side, and it tells no story. They sleep, and they rise up, and they find themselves, now in Europe, now in Asia; they see visions of great cities and wild regions; they are in the marts of commerce, or amid the islands of the South; they gaze on Pompey's Pillar, or on the Andes; and nothing which meets them carries them forward or backward, to any idea beyond itself. Nothing has a drift or relation; nothing has a history or a promise. Every thing stands by itself, and comes and goes in its turn, like the shifting scenes of a show, which leave the spectator where he was. Perhaps you are near such a man on a particular occasion, and expect him to be shocked or perplexed at something which occurs; but one thing is much the same to him as another, or, if he is perplexed, it is as not knowing what to say, whether it is right to admire, or to ridicule, or to disapprove, while conscious that some expression of opinion is expected from him; for in fact he has no standard of judgment at all, and no landmarks to guide him to a conclusion. Such is mere acquisition, and, I repeat, no one would dream of calling it philosophy.

6

Instances, such as these, confirm, by the contrast, the conclusion I have already drawn from those which preceded them. That only is true enlargement of mind which is the power of viewing many things at once as one whole, of referring them severally to their true place in the universal system, of understanding their respective values, and determining their mutual dependence. Thus is that form of Universal Knowledge, of which I have on a former occasion spoken, set up in the individual intellect, and con-

stitutes its perfection. Possessed of this real illumination, the mind never views any part of the extended subject-matter of Knowledge without recollecting that it is but a part, or without the associations which spring from this recollection. It makes every thing in some sort lead to every thing else; it would communicate the image of the whole to every separate portion, till that whole becomes in imagination like a spirit, every where pervading and penetrating its component parts, and giving them one definite meaning. Just as our bodily organs, when mentioned, recall their function in the body, as the word "creation" suggests the Creator, and "subjects" a sovereign, so, in the mind of the Philosopher, as we are abstractedly conceiving of him, the elements of the physical and moral world, sciences, arts, pursuits, ranks, offices, events, opinions, individualities, are all viewed as one, with correlative functions, and as gradually by successive combinations converging, one and all, to the true center.

To have even a portion of this illuminative reason and true philosophy is the highest state to which nature can aspire, in the way of intellect; it puts the mind above the influences of chance and necessity, above anxiety, suspense, unsettlement, and superstition, which is the lot of the many. Men, whose minds are possessed with some one object, take exaggerated views of its importance, are feverish in the pursuit of it, make it the measure of things which are utterly foreign to it, and are startled and despond if it happens to fail them. They are ever in alarm or in transport. Those on the other hand who have no object or principle whatever to hold by, lose their way, every step they take. They are thrown out, and do not know what to think or say, at every fresh juncture; they have no view of persons, or occurrences, or facts, which come suddenly upon them, and they hang upon the opinion of others, for

want of internal resources. But the intellect, which has been disciplined to the perfection of its powers, which knows, and thinks while it knows, which has learned to leaven the dense mass of facts and events with the elastic force of reason, such an intellect cannot be partial, cannot be exclusive, cannot be impetuous, cannot be at a loss, cannot but be patient, collected, and majestically calm, because it discerns the end in every beginning, the origin in every end, the law in every interruption, the limit in each delay; because it ever knows where it stands, and how its path lies from one point to another. It is the τετράγωνος of the Peripatetic,[1] and has the "nil admirari"[2] of the Stoic,—

> Felix qui potuit rerum cognoscere causas,
> Atque metus omnes, et inexorabile fatum
> Subjecit pedibus, strepitumque Acherontis avari.[3]

There are men who, when in difficulties, originate at the moment vast ideas or dazzling projects; who, under the influence of excitement, are able to cast a light, almost as if from inspiration, on a subject or course of action which comes before them; who have a sudden presence of mind equal to any emergency, rising with the occasion, and an undaunted magnanimous bearing, and an energy and keenness which is but made intense by opposition. This is genius, this is heroism; it is the exhibition of a natural gift, which no culture can teach, at which no Institution can aim; here, on the contrary, we are con-

[1] Aristotle was called the Peripatetic from his habit of walking about while teaching. The reference is to a passage in his *Ethics* (I, 10, 11), "He that is truly good and *foursquare* without a flaw."

[2] "To be disturbed by nothing."—Horace, *Epistles*, I, 6, 1.

[3] Happy is he who is able to understand the secrets of nature and thus triumphs over all fear and inexorable fate and the roar of greedy Acheron.—Virgil, *Georgics*, II, 490-2.

cerned, not with mere nature, but with training and teaching. That perfection of the Intellect, which is the result of Education, and its *beau ideal,* to be imparted to individuals in their respective measures, is the clear, calm, accurate vision and comprehension of all things, as far as the finite mind can embrace them, each in its place, and with its own characteristics upon it. It is almost prophetic from its knowledge of history; it is almost heart-searching from its knowledge of human nature; it has almost supernatural charity from its freedom from littleness and prejudice; it has almost the repose of faith, because nothing can startle it; it has almost the beauty and harmony of heavenly contemplation, so intimate is it with the eternal order of things and the music of the spheres.

7

And now, if I may take for granted that the true and adequate end of intellectual training and of a University is not Learning or Acquirement, but rather, is Thought or Reason exercised upon Knowledge, or what may be called Philosophy, I shall be in a position to explain the various mistakes which at the present day beset the subject of University Education.

I say then, if we would improve the intellect, first of all, we must ascend; we cannot gain real knowledge on a level; we must generalize, we must reduce to method, we must have a grasp of principles, and group and shape our acquisitions by means of them. It matters not whether our field of operation be wide or limited; in every case, to command it, is to mount above it. Who has not felt the irritation of mind and impatience created by a deep, rich country, visited for the first time, with winding lanes, and high hedges, and green steeps, and tangled woods, and

every thing smiling indeed, but in a maze? The same feeling comes upon us in a strange city, when we have no map of its streets. Hence you hear of practiced travelers, when they first come into a place, mounting some high hill or church tower, by way of reconnoitering its neighborhood. In like manner, you must be above your knowledge, not under it, or it will oppress you; and the more you have of it, the greater will be the load. The learning of a Salmasius or a Burman,[1] unless you are its master, will be your tyrant. "Imperat aut servit";[2] if you can wield it with a strong arm, it is a great weapon; otherwise,

> Vis consili expers
> Mole ruit suâ.[3]

You will be overwhelmed, like Tarpeia,[4] by the heavy wealth which you have exacted from tributary generations.

Instances abound; there are authors who are as pointless as they are inexhaustible in their literary resources. They measure knowledge by bulk, as it lies in the rude block, without symmetry, without design. How many commentators are there on the Classics, how many on Holy Scripture, from whom we rise up, wondering at the learning which has passed before us, and wondering why it passed! How many writers are there of Ecclesiastical His-

[1] Claudius Salmasius (1588-1653), celebrated classical scholar, professor at the University of Leyden. His defense of Charles I was answered by Milton.

Peter Burman (1668-1741), classical scholar and professor at Utrecht and Leyden.

[2] "It either rules or serves."

[3] Strength without intelligence falls of its own weight.—Horace, *Odes*, III, iv, 65.

[4] Tarpeia, the vestal virgin, daughter of the keeper of the citadel on the Capitoline Hill, betrayed the citadel to the Sabines in return for "what they wore on their arms." She meant their bracelets, but they threw their shields on her instead, crushing her to death.

tory, such as Mosheim or Du Pin,[1] who, breaking up their subject into details, destroy its life, and defraud us of the whole by their anxiety about the parts! The Sermons, again, of the English Divines in the seventeenth century, how often are they mere repertories of miscellaneous and officious learning! Of course Catholics also may read without thinking; and in their case, equally as with Protestants, it holds good, that such knowledge is unworthy of the name, knowledge which they have not thought through, and thought out. Such readers are only possessed by their knowledge, not possessed of it; nay, in matter of fact they are often even carried away by it, without any volition of their own. Recollect, the Memory can tyrannize, as well as the Imagination. Derangement, I believe, has been considered as a loss of control over the sequence of ideas. The mind, once set in motion, is henceforth deprived of the power of initiation, and becomes the victim of a train of associations, one thought suggesting another, in the way of cause and effect, as if by a mechanical process, or some physical necessity. No one, who has had experience of men of studious habits, but must recognize the existence of a parallel phenomenon in the case of those who have over-stimulated the Memory. In such persons Reason acts almost as feebly and as impotently as in the madman; once fairly started on any subject whatever, they have no power of self-control; they passively endure the succession of impulses which are evolved out of the original exciting cause; they are passed on from one idea to another and go steadily forward, plodding along one line of thought in spite of the amplest concessions of the hearer, or wandering from it in

[1] Johann Lorenz von Mosheim (1694-1755), German Protestant ecclesiastical historian and professor of theology.

A. M. J. J. Du Pin (1783-1865), French authority on ecclesiastical history.

endless digression in spite of his remonstrances. Now, if, as is very certain, no one would envy the madman the glow and originality of his conceptions, why must we extol the cultivation of that intellect, which is the prey, not indeed of barren fancies but of barren facts, of random intrusions from without, though not of morbid imaginations from within? And in thus speaking, I am not denying that a strong and ready memory is in itself a real treasure; I am not disparaging a well-stored mind, though it be nothing besides, provided it be sober, any more than I would despise a bookseller's shop:—it is of great value to others, even when not so to the owner. Nor am I banishing, far from it, the possessors of deep and multifarious learning from my ideal University; they adorn it in the eyes of men; I do but say that they constitute no type of the results at which it aims; that it is no great gain to the intellect to have enlarged the memory at the expense of faculties which are indisputably higher.

8

Nor indeed am I supposing that there is any great danger, at least in this day, of over-education; the danger is on the other side. I will tell you, Gentlemen, what has been the practical error of the last twenty years,—not to load the memory of the student with a mass of undigested knowledge, but to force upon him so much that he has rejected all. It has been the error of distracting and enfeebling the mind by an unmeaning profusion of subjects; of implying that a smattering in a dozen branches of study is not shallowness, which it really is, but enlargement, which it is not; of considering an acquaintance with the learned names of things and persons, and the possession of clever duodecimos, and attendance on eloquent lecturers, and membership with scientific institutions, and the sight

of the experiments of a platform and the specimens of a museum, that all this was not dissipation of mind, but progress. All things now are to be learned at once, not first one thing, then another, not one well, but many badly. Learning is to be without exertion, without attention, without toil; without grounding, without advance, without finishing. There is to be nothing individual in it; and this, forsooth, is the wonder of the age. What the steam engine does with matter, the printing press is to do with mind; it is to act mechanically, and the population is to be passively, almost unconsciously enlightened, by the mere multiplication and dissemination of volumes. Whether it be the school boy, or the school girl, or the youth at college, or the mechanic in the town, or the politician in the senate, all have been the victims in one way or other of this most preposterous and pernicious of delusions. Wise men have lifted up their voices in vain; and at length, lest their own institutions should be outshone and should disappear in the folly of the hour, they have been obliged, as far as they could with a good conscience, to humor a spirit which they could not withstand, and make temporizing concessions at which they could not but inwardly smile.

It must not be supposed that, because I so speak, therefore I have some sort of fear of the education of the people: on the contrary, the more education they have, the better, so that it is really education. Nor am I an enemy to the cheap publication of scientific and literary works, which is now in vogue: on the contrary, I consider it a great advantage, convenience, and gain; that is, to those to whom education has given a capacity for using them. Further, I consider such innocent recreations as science and literature are able to furnish will be a very fit occupation of the thoughts and the leisure of young persons, and may be made the means of keeping them

from bad employments and bad companions. Moreover, as to that superficial acquaintance with chemistry, and geology, and astronomy, and political economy, and modern history, and biography, and other branches of knowledge, which periodical literature and occasional lectures and scientific institutions diffuse through the community, I think it a graceful accomplishment, and a suitable, nay, in this day a necessary accomplishment, in the case of educated men. Nor, lastly, am I disparaging or discouraging the thorough acquisition of any one of these studies, or denying that, as far as it goes, such thorough acquisition is a real education of the mind. All I say is, call things by their right names, and do not confuse together ideas which are essentially different. A thorough knowledge of one science and a superficial acquaintance with many, are not the same thing; a smattering of a hundred things or a memory for detail, is not a philosophical or comprehensive view. Recreations are not education; accomplishments are not education. Do not say, the people must be educated, when, after all, you only mean, amused, refreshed, soothed, put into good spirits and good humor, or kept from vicious excesses. I do not say that such amusements, such occupations of mind, are not a great gain; but they are not education. You may as well call drawing and fencing education, as a general knowledge of botany or conchology. Stuffing birds or playing stringed instruments is an elegant pastime, and a resource to the idle, but it is not education; it does not form or cultivate the intellect. Education is a high word; it is the preparation for knowledge, and it is the imparting of knowledge in proportion to that preparation. We require intellectual eyes to know withal, as bodily eyes for sight. We need both objects and organs intellectual; we cannot gain them without setting about it; we cannot gain them in our sleep, or by hap-

hazard. The best telescope does not dispense with eyes; the printing press or the lecture room will assist us greatly, but we must be true to ourselves, we must be parties in the work. A University is, according to the usual designation, an Alma Mater, knowing her children one by one, not a foundry, or a mint, or a treadmill.

9

I protest to you, Gentlemen, that if I had to choose between a so-called University, which dispensed with residence and tutorial superintendence, and gave its degrees to any person who passed an examination in a wide range of subjects, and a University which had no professors or examinations at all, but merely brought a number of young men together for three or four years, and then sent them away as the University of Oxford is said to have done some sixty years since, if I were asked which of these two methods was the better discipline of the intellect,—mind, I do not say which is *morally* the better, for it is plain that compulsory study must be a good and idleness an intolerable mischief,—but if I must determine which of the two courses was the more successful in training, molding, enlarging the mind, which sent out men the more fitted for their secular duties, which produced better public men, men of the world, men whose names would descend to posterity, I have no hesitation in giving the preference to that University which did nothing, over that which exacted of its members an acquaintance with every science under the sun. And, paradox as this may seem, still if results be the test of systems, the influence of the public schools and colleges of England, in the course of the last century, at least will bear out one side of the contrast as I have drawn it. What would come, on the other hand, of the ideal systems of edu-

cation which have fascinated the imagination of this age, could they ever take effect, and whether they would not produce a generation frivolous, narrow-minded, and resourceless, intellectually considered, is a fair subject for debate; but so far is certain, that the Universities and scholastic establishments, to which I refer, and which did little more than bring together first boys and then youths in large numbers, these institutions, with miserable deformities on the side of morals, with a hollow profession of Christianity, and a heathen code of ethics,—I say, at least they can boast of a succession of heroes and statesmen, of literary men and philosophers, of men conspicuous for great natural virtues, for habits of business, for knowledge of life, for practical judgment, for cultivated tastes, for accomplishments, who have made England what it is,—able to subdue the earth, able to domineer over Catholics.

How is this to be explained? I suppose as follows: When a multitude of young men, keen, open-hearted, sympathetic, and observant, as young men are, come together and freely mix with each other, they are sure to learn one from another, even if there be no one to teach them; the conversation of all is a series of lectures to each, and they gain for themselves new ideas and views, fresh matter of thought, and distinct principles for judging and acting, day by day. An infant has to learn the meaning of the information which its senses convey to it, and this seems to be its employment. It fancies all that the eye presents to it to be close to it, till it actually learns the contrary, and thus by practice does it ascertain the relations and uses of those first elements of knowledge which are necessary for its animal existence. A parallel teaching is necessary for our social being, and it is secured by a large school or a college; and this effect may be fairly called in its own department an enlargement of mind. It is seeing the world

on a small field with little trouble; for the pupils or students come from very different places, and with widely different notions, and there is much to generalize, much to adjust, much to eliminate, there are inter-relations to be defined, and conventional rules to be established, in the process, by which the whole assemblage is molded together, and gains one tone and one character.

Let it be clearly understood, I repeat it, that I am not taking into account moral or religious considerations; I am but saying that that youthful community will constitute a whole, it will embody a specific idea, it will represent a doctrine, it will administer a code of conduct, and it will furnish principles of thought and action. It will give birth to a living teaching, which in course of time will take the shape of a self-perpetuating tradition, or a *genius loci*, as it is sometimes called; which haunts the home where it has been born, and which imbues and forms, more or less, and one by one, every individual who is successively brought under its shadow. Thus it is that, independent of direct instruction on the part of Superiors, there is a sort of self-education in the academic institutions of Protestant England; a characteristic tone of thought, a recognized standard of judgment is found in them, which, as developed in the individual who is submitted to it, becomes a twofold source of strength to him, both from the distinct stamp it impresses on his mind, and from the bond of union which it creates between him and others,—effects which are shared by the authorities of the place, for they themselves have been educated in it, and at all times are exposed to the influence of its ethical atmosphere. Here then is a real teaching, whatever be its standards and principles, true or false; and it at least tends towards cultivation of the intellect; it at least recognizes that knowledge is something more than a sort of passive reception of scraps and details; it is a

something, and it does a something, which never will issue from the most strenuous efforts of a set of teachers, with no mutual sympathies and no inter-communion, of a set of examiners with no opinions which they dare profess, and with no common principles, who are teaching or questioning a set of youths who do not know them, and do not know each other, on a large number of subjects, different in kind, and connected by no wide philosophy, three times a week, or three times a year, or once in three years, in chill lecture-rooms or on a pompous anniversary.

10

Nay, self-education in any shape, in the most restricted sense, is preferable to a system of teaching which, professing so much, really does so little for the mind. Shut your College gates against the votary of knowledge, throw him back upon the searchings and the efforts of his own mind; he will gain by being spared an entrance into your Babel. Few indeed there are who can dispense with the stimulus and support of instructors, or will do anything at all, if left to themselves. And fewer still (though such great minds are to be found), who will not, from such unassisted attempts, contract a self-reliance and a self-esteem, which are not only moral evils, but serious hindrances to the attainment of truth. And next to none, perhaps, or none, who will not be reminded from time to time of the disadvantage under which they lie, by their imperfect grounding, by the breaks, deficiencies, and irregularities of their knowledge, by the eccentricity of opinion and the confusion of principle which they exhibit. They will be too often ignorant of what everyone knows and takes for granted, of that multitude of small truths which fall upon the mind like dust, impalpable and ever accumulating;

they may be unable to converse, they may argue perversely, they may pride themselves on their worst paradoxes or their grossest truisms, they may be full of their own mode of viewing things, unwilling to be put out of their way, slow to enter into the minds of others;—but, with these and whatever other liabilities upon their heads, they are likely to have more thought, more mind, more philosophy, more true enlargement, than those earnest but ill-used persons, who are forced to load their minds with a score of subjects against an examination, who have too much on their hands to indulge themselves in thinking or investigation, who devour premiss and conclusion together with indiscriminate greediness, who hold whole sciences on faith, and commit demonstrations to memory, and who too often, as might be expected, when their period of education is passed, throw up all they have learned in disgust, having gained nothing really by their anxious labors, except perhaps the habit of application.

Yet such is the better specimen of the fruit of that ambitious system which has of late years been making way among us: for its result on ordinary minds, and on the common run of students, is less satisfactory still; they leave their place of education simply dissipated and relaxed by the multiplicity of subjects, which they have never really mastered, and so shallow as not even to know their shallowness. How much better, I say, is it for the active and thoughtful intellect, where such is to be found, to eschew the College and the University altogether, than to submit to a drudgery so ignoble, a mockery so contumelious! How much more profitable for the independent mind, after the mere rudiments of education, to range through a library at random, taking down books as they meet him, and pursuing the trains of thought which his mother wit suggests! How much healthier to wander into

the fields, and there with the exiled Prince to find "tongues in the trees, books in the running brooks!" [1] How much more genuine an education is that of the poor boy in the Poem [2]—a Poem, whether in conception or in execution, one of the most touching in our language—who, not in the wide world, but ranging day by day around his widowed mother's home, "a dexterous gleaner" in a narrow field, and with only such slender outfit

> ". . . as the village school and books a few
> Supplied,"

contrived from the beach, and the quay, and the fisher's boat, and the inn's fireside, and the tradesman's shop, and the shepherd's walk, and the smuggler's hut, and the mossy moor, and the screaming gulls, and the restless waves, to fashion for himself a philosophy and a poetry of his own!

But in a large subject, I am exceeding my necessary limits. Gentlemen, I must conclude abruptly; and postpone any summing up of my argument, should that be necessary, to another day.

[1] Cp. Duke Senior's first speech in *As You Like It*, Act II, sc. i.

[2] Crabbe's *Tales of the Hall*. This Poem, let me say, I read on its first publication, above thirty years ago, with extreme delight, and have never lost my love of it; and on taking it up lately, found I was even more touched by it than heretofore. A work which can please in youth and age, seems to fulfill (in logical language) the *accidental definition* of a Classic. [A further course of twenty years has past, and I bear the same witness in favor of this Poem.] [Newman.] The quotations following are from Bk. IV, ll. 286 and 293-4.

QUESTIONS

1. Summarize the two preceding essays.

2. What was the subject of the controversy between Oxford and the *Edinburgh Review?*

3. Reproduce Newman's description of his old college, Oriel, and of the characters of Copleston and Davison.

4. What are the opinions which Newman quotes, (a) from Locke, (b) from the *Edinburgh Review?*

5. By what argument does Newman maintain that liberal knowledge is also useful?

6. What does he think is the best aid to merely useful knowledge? Does he believe that professional education can also be made liberal?

7. What is Copleston's argument against over-specialization? What is his opinion of the study of literature?

8. For what purposes in life does Davison urge the cultivation of liberal knowledge?

9. In what ways does he think liberal training an aid to a man in his profession?

10. Reproduce Newman's summary of the benefits of liberal knowledge.

III

KNOWLEDGE VIEWED IN RELATION TO PROFESSIONAL SKILL

(*Idea of a University,* Discourse VII)

I

I HAVE been insisting, in my two preceding Discourses, first, on the cultivation of the intellect, as an end which may reasonably be pursued for its own sake; and next, on the nature of that cultivation, or what that cultivation consists in. Truth of whatever kind is the proper object of the intellect; its cultivation then lies in fitting it to apprehend and contemplate truth. Now the intellect in its present state, with exceptions which need not here be specified, does not discern truth intuitively, or as a whole. We know, not by a direct and simple vision, not at a glance, but, as it were, by piecemeal and accumulation, by a mental process, by going round an object, by the comparison, the combination, the mutual correction, the continual adaptation, of many partial notions, by the employment, concentration, and joint action of many faculties and exercises of mind. Such a union and concert of the intellectual powers, such an enlargement and development, such a comprehensiveness, is necessarily a matter of training. And again, such a training is a matter of rule; it is not mere application, however exemplary, which introduces the mind to truth, nor the reading many books, nor the getting up many subjects, nor the witnessing many

experiments, nor the attending many lectures. All this is short of enough; a man may have done it all, yet be lingering in the vestibule of knowledge:—he may not realize what his mouth utters; he may not see with his mental eye what confronts him; he may have no grasp of things as they are; or at least he may have no power at all of advancing one step forward of himself, in consequence of what he has already acquired, no power of discriminating between truth and falsehood, of sifting out the grains of truth from the mass, of arranging things according to their real value, and, if I may use the phrase, of building up ideas. Such a power is the result of a scientific formation of mind; it is an acquired faculty of judgment, of clearsightedness, of sagacity, of wisdom, of philosophical reach of mind, and of intellectual self-possession and repose,—qualities which do not come of mere acquirement. The bodily eye, the organ for apprehending material objects, is provided by nature; the eye of the mind, of which the object is truth, is the work of discipline and habit.

This process of training, by which the intellect, instead of being formed or sacrificed to some particular or accidental purpose, some specific trade or profession, or study or science, is disciplined for its own sake, for the perception of its own proper object, and for its own highest culture, is called Liberal Education; and though there is no one in whom it is carried as far as is conceivable, or whose intellect would be a pattern of what intellects should be made, yet there is scarcely any one but may gain an idea of what real training is, and at least look towards it, and make its true scope and result, not something else, his standard of excellence; and numbers there are who may submit themselves to it, and secure it to themselves in good measure. And to set forth the right standard, and to train ac-

cording to it, and to help forward all students towards it according to their various capacities, this I conceive to be the business of a University.

2

Now this is what some great men are very slow to allow; they insist that Education should be confined to some particular and narrow end, and should issue in some definite work, which can be weighed and measured. They argue as if every thing, as well as every person, had its price; and that where there has been a great outlay, they have a right to expect a return in kind. This they call making Education and Instruction "useful," and "Utility" becomes their watchword. With a fundamental principle of this nature, they very naturally go on to ask, what there is to show for the expense of a University; what is the real worth in the market of the article called "a Liberal Education," on the supposition that it does not teach us definitely how to advance our manufactures, or to improve our lands, or to better our civil economy; or again, if it does not at once make this man a lawyer, that an engineer, and that a surgeon; or at least if it does not lead to discoveries in chemistry, astronomy, geology, magnetism, and science of every kind.

This question, as might have been expected, has been keenly debated in the present age, and formed one main subject of the controversy, to which I referred in the Introduction to the present Discourses, as having been sustained in the first decade of this century by a celebrated Northern Review on the one hand, and defenders of the University of Oxford on the other. Hardly had the authorities of that ancient seat of learning, waking from their long neglect, set on foot a plan for the education of the

youth committed to them, than the representatives of science and literature in the city, which has sometimes been called the Northern Athens, remonstrated, with their gravest arguments and their most brilliant satire, against the direction and shape which the reform was taking. Nothing would content them, but that the University should be set to rights on the basis of the philosophy of Utility; a philosophy, as they seem to have thought, which needed but to be proclaimed in order to be embraced. In truth, they were little aware of the depth and force of the principles on which the academical authorities were proceeding, and, this being so, it was not to be expected that they would be allowed to walk at leisure over the field of controversy which they had selected. Accordingly they were encountered in behalf of the University by two men of great name and influence in their day, of very different minds, but united, as by Collegiate ties, so in the clear-sighted and large view which they took of the whole subject of Liberal Education; and the defense thus provided for the Oxford studies has kept its ground to this day.

3

Let me be allowed to devote a few words to the memory of distinguished persons, under the shadow of whose name I once lived, and by whose doctrine I am now profiting. In the heart of Oxford there is a small plot of ground, hemmed in by public thoroughfares, which has been the possession and the home of one Society for above five hundred years. In the old time of Boniface the Eighth and John the Twenty-second, in the age of Scotus and Occam and Dante, before Wiclif or Huss had kindled those miserable fires which are still raging to the ruin of the highest interests of man, an unfortunate king of England, Edward

the Second, flying from the field of Bannockburn, is said to have made a vow to the Blessed Virgin to found a religious house in her honor, if he got back in safety. Prompted and aided by his Almoner, he decided on placing this house in the city of Alfred; and the Image of our Lady, which is opposite its entrance-gate, is to this day the token of the vow and its fulfillment. King and Almoner have long been in the dust, and strangers have entered into their inheritance, and their creed has been forgotten, and their holy rites disowned; but day by day a memento is still made in the holy Sacrifice by at least one Catholic Priest, once a member of that College, for the souls of those Catholic benefactors who fed him there for so many years. The visitor, whose curiosity has been excited by its present fame, gazes perhaps with something of disappointment on a collection of buildings which have with them so few of the circumstances of dignity or wealth. Broad quadrangles, high halls and chambers, ornamented cloisters, stately walks, or umbrageous gardens, a throng of students, ample revenues, or a glorious history, none of these things were the portion of that old Catholic foundation; nothing in short which to the common eye sixty years ago would have given tokens of what it was to be. But it had at that time a spirit working within it, which enabled its inmates to do, amid its seeming insignificance, what no other body in the place could equal; not a very abstruse gift or extraordinary boast, but a rare one, the honest purpose to administer the trust committed to them in such a way as their conscience pointed out as best. So, whereas the Colleges of Oxford are self-electing bodies, the fellows in each perpetually filling up for themselves the vacancies which occur in their number, the members of this foundation determined, at a time when, either from evil custom or from ancient statute, such a thing was not known elsewhere, to throw open their fellowships to the competi-

tion of all comers, and, in the choice of associates henceforth, to cast to the winds every personal motive and feeling, family connection, and friendship, and patronage, and political interest, and local claim, and prejudice, and party jealousy, and to elect solely on public and patriotic grounds. Nay, with a remarkable independence of mind, they resolved that even the table of honors, awarded to literary merit by the University in its new system of examination for degrees, should not fetter their judgment as electors; but that at all risks, and whatever criticism it might cause, and whatever odium they might incur, they would select the men, whoever they were, to be children of their Founder, whom they thought in their consciences to be most likely from their intellectual and moral qualities to please him, if (as they expressed it) he were still upon earth, most likely to do honor to his College, most likely to promote the objects which they believed he had at heart. Such persons did not promise to be the disciples of a low Utilitarianism; and consequently, as their collegiate reform synchronized with that reform of the Academical Body, in which they bore a principal part, it was not unnatural that, when the storm broke upon the University from the North, their Alma Mater, whom they loved, should have found her first defenders within the walls of that small College, which had first put itself into a condition to be her champion.

These defenders, I have said, were two, of whom the more distinguished was the late Dr. Copleston, then a Fellow of the College, successively its Provost, and Protestant Bishop of Llandaff. In that Society, which owes so much to him, his name lives, and ever will live, for the distinction which his talents bestowed on it, for the academical importance to which he raised it, for the generosity of spirit, the liberality of sentiment, and the kindness of heart, with which he adorned it, and which even those who had least

sympathy with some aspects of his mind and character could not but admire and love. Men come to their meridian at various periods of their lives; the last years of the eminent person I am speaking of were given to duties which, I am told, have been the means of endearing him to numbers,[1] but which afforded no scope for that peculiar vigor and keenness of mind which enabled him, when a young man, single-handed, with easy gallantry, to encounter and overthrow the charge of three giants of the North combined against him. I believe I am right in saying that, in the progress of the controversy, the most scientific, the most critical, and the most witty, of that literary company, all of them now, as he himself, removed from this visible scene, Professor Playfair, Lord Jeffrey, and the Rev. Sydney Smith, threw together their several efforts into one article of their Review, in order to crush and pound to dust the audacious controvertist who had come out against them in defense of his own Institutions. To have even contended with such men was a sufficient voucher for his ability, even before we open his pamphlets, and have actual evidence of the good sense, the spirit, the scholar-like taste, and the purity of style, by which they are distinguished.

He was supported in the controversy, on the same general principles, but with more of method and distinctness, and, I will add, with greater force and beauty and perfection, both of thought and of language, by the other distinguished writer, to whom I have already referred, Mr. Davison; who, though not so well known to the world in his day, has left more behind him than the Provost of Oriel, to make his name remembered by posterity. This thoughtful man, who was the admired and intimate friend of a very remarkable person, whom, whether he wish it or not, numbers revere and

[1] As Bishop of Llandaff, Copleston was very active in the work of church restoration in Wales.

love as the first author of the subsequent movement in the Protestant Church towards Catholicism,[1] this grave and philosophical writer, whose works I can never look into without sighing that such a man was lost to the Catholic Church, as Dr. Butler before him, by some early bias or some fault of self-education—he, in a review of a work by Mr. Edgeworth on Professional Education, which attracted a good deal of attention in its day, goes leisurely over the same ground, which had already been rapidly traversed by Dr. Copleston, and, though professedly employed upon Mr. Edgeworth, is really replying to the northern critic who had brought that writer's work into notice, and to a far greater author than either of them, who in a past age had argued on the same side.[2]

4

The author to whom I allude is no other than Locke.[3] That celebrated philosopher has preceded the Edinburgh

[1] Mr. Keble, Vicar of Hursley, late Fellow of Oriel, and Professor of Poetry in the University of Oxford. [Newman.]

[2] The most important articles and pamphlets in this controversy—the ones which Newman quotes or mentions—are as follows:

Oct., 1809. *Edinburgh Review*, XV, 40-53. A review of Edgeworth's *Essays on Professional Education:* incidentally the article attacks Oxford for being solely concerned with the classics, to the neglect of more "useful" knowledge. It is this article which Newman quotes and which Copleston and Davison answer.

1810. Copleston's pamphlet, *A Reply to the Calumnies of the Edinburgh Review against Oxford* (a *Second Reply* and a *Third* were issued during 1810-11). This Newman likewise quotes below.

April, 1810. *Edinburgh Review*, XVI, 158-87. A scathing reply to Copleston. Apparently this is the Jeffrey-Smith-Playfair article alluded to by Newman.

Oct., 1811. *Quarterly Review*, VI, 166 ff. Davison's "Remarks on Edgeworth's *Essays on Professional Education.*" This also is quoted by Newman below.

[3] John Locke (1632-1704), the great English philosopher, author of the *Essay Concerning the Human Understanding,* and of an

Reviewers in condemning the ordinary subjects in which boys are instructed at school, on the ground that they are not needed by them in after life; and before quoting what his disciples have said in the present century, I will refer to a few passages of the master. "'Tis matter of astonishment," he says in his work on Education, "that men of quality and parts should suffer themselves to be so far misled by custom and implicit faith. Reason, if consulted with, would advise, that their children's time should be spent in acquiring what might be *useful* to them, when they come to be men, rather than that their heads should be stuffed with a deal of trash, a great part whereof they usually never do ('tis certain they never need to) think on again as long as they live; and so much of it as does stick by them they are only the worse for." [1]

And so again, speaking of verse-making, he says, "I know not what reason a father can have to wish his son a poet, who does not desire him to *bid defiance to all other callings and business;* which is not yet the worst of the case; for, if he proves a successful rhymer, and gets once the reputation of a wit, I desire it to be considered, what company and places he is likely to spend his time in, nay, and estate too; for it is very seldom seen that anyone discovers *mines of gold or silver in Parnassus.* 'Tis a pleasant air, but a barren soil." [2]

In another passage he distinctly limits utility in education to its bearing on the future profession or trade of

essay on education from which Newman quotes. His ideas on education reflect his disgust at the belated mediævalism of the English universities of the seventeenth century. Locke had such contempt for the scholastic philosophy still taught in Oxford in his day that he devoted his own time to medicine. Compared to the educational ideas of his time his own essay on the subject is a triumph of independence and good sense.

[1] Locke, "Of Education," § 94.

[2] Ibid., § 174.

the pupil, that is, he scorns the idea of any education of the intellect, simply as such. "Can there be anything more ridiculous," he asks, "than that a father should waste his own money, and his son's time, in setting him to *learn the Roman language,* when at the same time he *designs him for a trade,* wherein he, having no use of Latin, fails not to forget that little which he brought from school, and which 'tis ten to one he abhors for the ill-usage it procured him? Could it be believed, unless we have every where amongst us examples of it, that a child should be forced to learn the rudiments of a language, which *he is never to use in the course of life that he is designed to,* and neglect all the while the writing a good hand, and casting accounts, which are of great advantage in all conditions of life, and to most trades indispensably necessary?"[1] Nothing of course can be more absurd than to neglect in education those matters which are necessary for a boy's future calling; but the tone of Locke's remarks evidently implies more than this, and is condemnatory of any teaching which tends to the general cultivation of the mind.

Now to turn to his modern disciples. The study of the Classics had been made the basis of the Oxford education, in the reforms which I have spoken of, and the Edinburgh Reviewers protested, after the manner of Locke, that no good could come of a system which was not based upon the principle of Utility.

"Classical Literature," they said, "is the great object at Oxford. Many minds, so employed, have produced many works and much fame in that department; but if all liberal arts and sciences, *useful to human life,* had been taught there, if *some* had dedicated themselves to *chemistry, some* to *mathematics, some* to *experimental philosophy,* and

[1] Locke, "Of Education," § 164.

if *every* attainment had been honored in the mixed ratio of its difficulty and *utility,* the system of such a University would have been much more valuable, but the splendor of its name something less."

Utility may be made the end of education, in two respects: either as regards the individual educated, or the community at large. In which light do these writers regard it? in the latter. So far they differ from Locke, for they consider the advancement of science as the supreme and real end of a University. This is brought into view in the sentences which follow.

"When a University has been doing *useless* things for a long time, it appears at first degrading to them to be *useful.* A set of Lectures on Political Economy would be discouraged in Oxford, probably despised, probably not permitted. To discuss the inclosure of commons, and to dwell upon imports and exports, to come so near to common life, would seem to be undignified and contemptible. In the same manner, the Parr or the Bentley of the day would be scandalized, in a University, to be put on a level with the discoverer of a neutral salt; and yet, *what other measure is there of dignity in intellectual labor but usefulness?* And what ought the term University to mean, but a place where every science is taught which is liberal, and at the same time useful to mankind? Nothing would so much tend to bring classical literature within proper bounds as *a steady and invariable appeal to utility* in our appreciation of all human knowledge. . . . *Looking always to real utility as our guide,* we should see, with equal pleasure, a studious and inquisitive mind arranging the productions of nature, investigating the qualities of bodies, or mastering the difficulties of the learned languages. We should not care whether he was chemist, naturalist, or scholar, because we know it to be as *necessary* that matter should

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be studied and subdued *to the use of man,* as that taste should be gratified, and imagination inflamed." [1]

Such then is the enunciation, as far as words go, of the theory of Utility in Education; and both on its own account, and for the sake of the able men who have advocated it, it has a claim on the attention of those whose principles I am here representing. Certainly it is specious to contend that nothing is worth pursuing but what is useful; and that life is not long enough to expend upon interesting, or curious, or brilliant trifles. Nay, in one sense, I will grant it is more than specious, it is true; but, if so, how do I propose directly to meet the objection? Why, Gentlemen, I have really met it already, viz., in laying down, that intellectual culture is its own end; for what has its *end* in itself, has its *use* in itself also. I say, if a Liberal Education consists in the culture of the intellect, and if that culture be in itself a good, here, without going further, is an answer to Locke's question; for if a healthy body is a good in itself, why is not a healthy intellect? and if a College of Physicians is a useful institution, because it contemplates bodily health, why is not an Academical Body, though it were simply and solely engaged in imparting vigor and beauty and grasp to the intellectual portion of our nature? And the Reviewers I am quoting seem to allow this in their better moments, in a passage which, putting aside the question of its justice in fact, is sound and true in the principles to which it appeals:—

"The present state of classical education," they say, "cultivates the *imagination* a great deal too much, and other *habits of mind* a great deal too little, and trains up many young men in a style of elegant imbecility, utterly unworthy of the talents with which nature has endowed

[1] The extracts on this page and the preceding are from the article on Edgeworth, *Edinb. Rev.,* XV, 51-2.

them. . . . The matter of fact is, that a classical scholar of twenty-three or twenty-four is a man principally conversant with works of imagination. His feelings are quick, his fancy lively, and his taste good. Talents for *speculation* and *original inquiry* he has none, nor has he formed the invaluable *habit of pushing things up to their first principles,* or of collecting dry and unamusing facts as the materials for reasoning. All the solid and masculine parts of his *understanding* are left wholly without *cultivation;* he hates the pain of thinking, and suspects every man whose boldness and originality call upon him to defend his opinions and prove his assertions." [1]

5

Now, I am not at present concerned with the specific question of classical education; else, I might reasonably question the justice of calling an intellectual discipline, which embraces the study of Aristotle, Thucydides, and Tacitus, which involves Scholarship and Antiquities, *imaginative;* still so far I readily grant, that the cultivation of the "understanding," of a "talent for speculation and original inquiry," and of "the habit of pushing things up to their first principles," is a principal portion of a *good* or *liberal* education. If then the Reviewers consider such cultivation the characteristic of a *useful* education, as they seem to do in the foregoing passage, it follows, that what they mean by "useful" is just what I mean by "good" or "liberal": and Locke's question becomes a verbal one. Whether youths are to be taught Latin or verse-making will depend on the *fact,* whether these studies tend to mental culture; but, however this is determined, so far is clear, that in that mental culture consists what I have

[1] *Edinb. Rev.*, XV, 48-9.

called a liberal or non-professional, and what the Reviewers call a useful education.

This is the obvious answer which may be made to those who urge upon us the claims of Utility in our plans of Education; but I am not going to leave the subject here: I mean to take a wider view of it. Let us take "useful," as Locke takes it, in its proper and popular sense, and then we enter upon a large field of thought, to which I cannot do justice in one Discourse, though to-day's is all the space that I can give to it. I say, let us take "useful" to mean, not what is simply good, but what *tends* to good, or is the *instrument* of good; and in this sense also, Gentlemen, I will show you how a liberal education is truly and fully a useful, though it be not a professional, education. "Good" indeed means one thing, and "useful" means another; but I lay it down as a principle, which will save us a great deal of anxiety, that, though the useful is not always good, the good is always useful. Good is not only good, but reproductive of good; this is one of its attributes; nothing is excellent, beautiful, perfect, desirable for its own sake, but it overflows, and spreads the likeness of itself all around it. Good is prolific; it is not only good to the eye, but to the taste; it not only attracts us, but it communicates itself; it excites first our admiration and love, then our desire and our gratitude, and that, in proportion to its intenseness and fullness in particular instances. A great good will impart great good. If then the intellect is so excellent a portion of us, and its cultivation so excellent, it is not only beautiful, perfect, admirable, and noble in itself, but in a true and high sense it must be useful to the possessor and to all around him; not useful in any low, mechanical, mercantile sense, but as diffusing good, or as a blessing, or a gift, or power, or a treasure, first to the owner, then through him to the world. I say then, if a

liberal education be good, it must necessarily be useful too.

6

You will see what I mean by the parallel of bodily health. Health is a good in itself, though nothing came of it, and is especially worth seeking and cherishing; yet, after all, the blessings which attend its presence are so great, while they are so close to it and so redound back upon it and encircle it, that we never think of it except as useful as well as good, and praise and prize it for what it does, as well as for what it is, though at the same time we cannot point out any definite and distinct work or production which it can be said to effect. And so as regards intellectual culture, I am far from denying utility in this large sense as the end of Education, when I lay it down, that the culture of the intellect is a good in itself and its own end; I do not exclude from the idea of intellectual culture what it cannot but be, from the very nature of things; I only deny that we must be able to point out, before we have any right to call it useful, some art, or business, or profession, or trade, or work, as resulting from it, and as its real and complete end. The parallel is exact:—As the body may be sacrificed to some manual or other toil, whether moderate or oppressive, so may the intellect be devoted to some specific profession; and I do not call *this* the culture of the intellect. Again, as some member or organ of the body may be inordinately used and developed, so may memory, or imagination, or the reasoning faculty; and *this* again is not intellectual culture. On the other hand, as the body may be tended, cherished, and exercised with a simple view to its general health, so may the intellect also be generally exercised in order to its perfect state; and this *is* its cultivation.

Again, as health ought to precede labor of the body,

and as a man in health can do what an unhealthy man cannot do, and as of this health the properties are strength, energy, agility, graceful carriage and action, manual dexterity, and endurance of fatigue, so in like manner general culture of mind is the best aid to professional and scientific study, and educated men can do what illiterate cannot; and the man who has learned to think and to reason and to compare and to discriminate and to analyze, who has refined his taste, and formed his judgment, and sharpened his mental vision, will not indeed at once be a lawyer, or a pleader, or an orator, or a statesman, or a physician, or a good landlord, or a man of business, or a soldier, or an engineer, or a chemist, or a geologist, or an antiquarian, but he will be placed in that state of intellect in which he can take up any one of the sciences or callings I have referred to, or any other for which he has a taste or special talent, with an ease, a grace, a versatility, and a success, to which another is a stranger. In this sense then, and as yet I have said but a very few words on a large subject, mental culture is emphatically *useful.*

If then I am arguing, and shall argue, against Professional or Scientific knowledge as the sufficient end of a University Education, let me not be supposed, Gentlemen, to be disrespectful towards particular studies, or arts, or vocations, and those who are engaged in them. In saying that Law or Medicine is not the end of a University course, I do not mean to imply that the University does not teach Law or Medicine. What indeed can it teach at all, if it does not teach something particular? It teaches *all* knowledge by teaching all *branches* of knowledge, and in no other way. I do but say that there will be this distinction as regards a Professor of Law, or of Medicine, or of Geology, or of Political Economy, in a University and out of it, that out of a University he is in danger of be-

ing absorbed and narrowed by his pursuit, and of giving Lectures which are the Lectures of nothing more than a lawyer, physician, geologist, or political economist; whereas in a University he will just know where he and his science stand, he has come to it, as it were, from a height, he has taken a survey of all knowledge, he is kept from extravagance by the very rivalry of other studies, he has gained from them a special illumination and largeness of mind and freedom and self-possession, and he treats his own in consequence with a philosophy and a resource, which belongs not to the study itself, but to his liberal education.

This then is how I should solve the fallacy, for so I must call it, by which Locke and his disciples would frighten us from cultivating the intellect, under the notion that no education is useful which does not teach us some temporal calling, or some mechanical art, or some physical secret. I say that a cultivated intellect, because it is a good in itself, brings with it a power and a grace to every work and occupation which it undertakes, and enables us to be more useful, and to a greater number. There is a duty we owe to human society as such, to the state to which we belong, to the sphere in which we move, to the individuals towards whom we are variously related, and whom we successively encounter in life; and that philosophical or liberal education, as I have called it, which is the proper function of a University, if it refuses the foremost place to professional interests, does but postpone them to the formation of the citizen, and, while it subserves the larger interests of philanthropy, prepares also for the successful prosecution of those merely personal objects, which at first sight it seems to disparage.

7

And now, Gentlemen, I wish to be allowed to enforce in detail what I have been saying, by some extracts from

the writings to which I have already alluded, and to which I am so greatly indebted.

"It is an undisputed maxim in Political Economy," says Dr. Copleston, "that the separation of professions and the division of labor tend to the perfection of every art, to the wealth of nations, to the general comfort and well-being of the community. This principle of division is in some instances pursued so far as to excite the wonder of people to whose notice it is for the first time pointed out. There is no saying to what extent it may not be carried; and the more the powers of each individual are concentrated in one employment, the greater skill and quickness will he naturally display in performing it. But, while he thus contributes more effectually to the accumulation of national wealth, he becomes himself more and more degraded as a rational being. In proportion as his sphere of action is narrowed his mental powers and habits become contracted; and he resembles a subordinate part of some powerful machinery, useful in its place, but insignificant and worthless out of it. If it be necessary, as it is beyond all question necessary, that society should be split into divisions and subdivisions, in order that its several duties may be well performed, yet we must be careful not to yield up ourselves wholly and exclusively to the guidance of this system; we must observe what its evils are, and we should modify and restrain it, by bringing into action other principles, which may serve as a check and counterpoise to the main force.

"There can be no doubt that every art is improved by confining the professor of it to that single study. But, *although the art itself is advanced by this concentration of mind in its service, the individual who is confined to it goes back.* The advantage of the community is nearly in an inverse ratio with his own.

"Society itself requires some other contribution from each individual, besides the particular duties of his profession. And, if no such liberal intercourse be established, it is the common failing of human nature, to be engrossed with petty views and interests, to underrate the importance of all in which we are not concerned, and to carry our partial notions into cases where they are inapplicable, to act, in short, as so many unconnected units, displacing and repelling one another.

"In the cultivation of literature is found that common link, which, among the higher and middling departments of life, unites the jarring sects and subdivisions into one interest, which supplies common topics, and kindles common feelings, unmixed with those narrow prejudices with which all professions are more or less infected. The knowledge, too, which is thus acquired, expands and enlarges the mind, excites its faculties, and calls those limbs and muscles into freer exercise which, by too constant use in one direction, not only acquire an illiberal air, but are apt also to lose somewhat of their native play and energy. And thus, without directly qualifying a man for any of the employments of life, it enriches and ennobles all. Without teaching him the peculiar business of any one office or calling, it enables him to act his part in each of them with better grace and more elevated carriage; and, if happily planned and conducted, is a main ingredient in that complete and generous education which fits a man 'to perform justly, skillfully, and magnanimously, all the offices, both private and public, of peace and war.'"[1]

[1] Vid. Milton on Education. [Newman.] I am indebted to Mr. John Munro, of Christ Church, Oxford, for the page references for Newman's quotations in this section from Copleston's rare tract: they are from Copleston: *Reply to the Calumnies of the Edinburgh Review against Oxford,* 1810, pp. 107-112, with some unmarked omissions.—ED.

8

The view of Liberal Education, advocated in these extracts, is expanded by Mr. Davison in the Essay to which I have already referred.[1] He lays more stress on the "usefulness" of Liberal Education in the larger sense of the word than his predecessor in the controversy. Instead of arguing that the Utility of knowledge to the individual varies inversely with its Utility to the public, he chiefly employs himself on the suggestions contained in Dr. Copleston's last sentences. He shows, first, that a Liberal Education is something far higher, even in the scale of Utility, than what is commonly called a Useful Education, and next, that it is necessary or useful for the purposes even of that Professional Education which commonly engrosses the title of Useful. The former of these two theses he recommends to us in an argument from which the following passages are selected:—

"It is to take a very contracted view of life," he says, "to think with great anxiety how persons may be educated to superior skill in their department, comparatively neglecting or excluding the more liberal and enlarged cultivation. In his (Mr. Edgeworth's) system, the value of every attainment is to be measured by its subserviency to a calling. The specific duties of that calling are exalted at the cost of those free and independent tastes and virtues which come in to sustain the common relations of society, and raise the individual in them. In short, a man is to be usurped by his profession. He is to be clothed in its garb from head to foot. His virtues, his science, and his ideas are all to be put into a gown or uniform, and the whole man to be shaped, pressed, and stiffened, in the exact mold of his technical character. Any interloping accomplishments,

[1] Cp. p. 62 and note 2.

or a faculty which cannot be taken into public pay, if they are to be indulged in him at all, must creep along under the cloak of his more serviceable privileged merits. Such is the state of perfection to which the spirit and general tendency of this system would lead us.

"But the professional character is not the only one which a person engaged in a profession has to support. He is not always upon duty. There are services he owes, which are neither parochial, nor forensic, nor military, nor to be described by any such epithet of civil regulation, and yet are in no wise inferior to those that bear these authoritative titles; inferior neither in their intrinsic value, nor their moral import, nor their impression upon society. As a friend, as a companion, as a citizen at large; in the connections of domestic life; in the improvement and embellishment of his leisure, he has a sphere of action, revolving, if you please, within the sphere of his profession, but not clashing with it; in which if he can show none of the advantages of an improved understanding, whatever may be his skill or proficiency in the other, he is no more than an ill-educated man.

"There is a certain faculty in which all nations of any refinement are great practitioners. It is not taught at school or college as a distinct science; though it deserves that what is taught there should be made to have some reference to it; nor is it endowed at all by the public; everybody being obliged to exercise it for himself in person, which he does to the best of his skill. But in nothing is there a greater difference than in the manner of doing it. The advocates of professional learning will smile when we tell them that this same faculty which we would have encouraged, is simply that of speaking good sense in English, without fee or reward, in common conversation. They will smile when we lay some stress upon it; but in reality it is no such trifle as

they imagine. Look into the huts of savages, and see, for there is nothing to listen to, the dismal blank of their stupid hours of silence; their professional avocations of war and hunting are over; and, having nothing to do, they have nothing to say. Turn to improved life, and you find conversation in all its forms the medium of something more than an idle pleasure; indeed, a very active agent in circulating and forming the opinions, tastes, and feelings of a whole people. It makes of itself a considerable affair. Its topics are the most promiscuous—all those which do not belong to any particular province. As for its power and influence, we may fairly say that it is of just the same consequence to a man's immediate society, how he talks, as how he acts. Now of all those who furnish their share to rational conversation, a mere adept in his own art is universally admitted to be the worst. The sterility and uninstructiveness of such a person's social hours are quite proverbial. Or if he escape being dull, it is only by launching into ill-timed, learned loquacity. We do not desire of him lectures or speeches; and he has nothing else to give. Among benches he may be powerful; but seated on a chair he is quite another person. On the other hand, we may affirm, that one of the best companions is a man who, to the accuracy and research of a profession, has joined a free excursive acquaintance with various learning, and caught from it the spirit of general observation." [1]

9

Having thus shown that a liberal education is a real benefit to the subjects of it, as members of society, in the various duties and circumstances and accidents of life, he goes on, in the next place, to show that, over and above

[1] *Quarterly Review*, VI, 174-6.

those direct services which might fairly be expected of it, it actually subserves the discharge of those particular functions, and the pursuit of those particular advantages, which are connected with professional exertion, and to which Professional Education is directed.

"We admit," he observes, "that when a person makes a business of one pursuit, he is in the right way to eminence in it; and that divided attention will rarely give excellence in many. But our assent will go no further. For, to think that the way to prepare a person for excelling in any one pursuit (and that is the only point in hand), is to fetter his early studies, and cramp the first development of his mind, by a reference to the exigencies of that pursuit barely, is a very different notion, and one which, we apprehend, deserves to be exploded rather than received. Possibly a few of the abstract, insulated kinds of learning might be approached in that way. The exceptions to be made are very few, and need not be recited. But for the acquisition of professional and practical ability such maxims are death to it. The main ingredients of that ability are requisite knowledge and cultivated faculties; but, of the two, the latter is by far the chief. A man of well improved faculties has the command of another's knowledge. A man without them, has not the command of his own.

"Of the intellectual powers, the judgment is that which takes the foremost lead in life. How to form it to the two habits it ought to possess, of exactness and vigor, is the problem. It would be ignorant presumption so much as to hint at any routine of method by which these qualities may with certainty be imparted to every or any understanding. Still, however, we may safely lay it down that they are not to be got 'by a gatherer of simples,' but are the combined essence and extracts of many different things, drawn from much varied reading and discipline, first, and

observation afterwards. For if there be a single intelligible point on this head, it is that a man who has been trained to think upon one subject, or for one subject only, will never be a good judge even in that one: whereas the enlargement of his circle gives him increased knowledge and power in a rapidly increasing ratio. So much do ideas act, not as solitary units, but by grouping and combination; and so clearly do all the things that fall within the proper province of the same faculty of the mind, intertwine with and support each other. Judgment lives as it were by comparison and discrimination. Can it be doubted, then, whether the range and extent of that assemblage of things upon which it is practiced in its first essays are of use to its power?

"To open our way a little further on this matter, we will define what we mean by the power of judgment; and then try to ascertain among what kind of studies the improvement of it may be expected at all.

"Judgment does not stand here for a certain homely, useful quality of intellect, that guards a person from committing mistakes to the injury of his fortunes or common reputation, but for that master-principle of business, literature, and talent, which gives him strength in any subject he chooses to grapple with, and enables him to *seize the strong point* in it. Whether this definition be metaphysically correct or not, it comes home to the substance of our inquiry. It describes the power that every one desires to possess when he comes to act in a profession, or elsewhere; and corresponds with our best idea of a cultivated mind.

"Next, it will not be denied, that in order to do any good to the judgment, the mind must be employed upon such subjects as come within the cognizance of that faculty, and give some real exercise to its perceptions. Here we have a rule of selection by which the different parts of learning may be classed for our purpose. Those which

belong to the province of the judgment are religion (in its evidences and interpretation), ethics, history, eloquence, poetry, theories of general speculation, the fine arts, and works of wit. Great as the variety of these large divisions of learning may appear, they are all held in union by two capital principles of connection. First, they are all quarried out of one and the same great subject of man's moral, social, and feeling nature. And secondly, they are all under the control (more or less strict) of the same power of moral reason."

"If these studies," he continues, "be such as give a direct play and exercise to the faculty of the judgment, then they are the true basis of education for the active and inventive powers, whether destined for a profession or any other use. Miscellaneous as the assemblage may appear, of history, eloquence, poetry, ethics, etc., blended together, they will all conspire in an union of effect. They are necessary mutually to explain and interpret each other. The knowledge derived from them all will amalgamate, and the habits of a mind versed and practiced in them by turns will join to produce a richer vein of thought and of more general and practical application than could be obtained of any single one, as the fusion of the metals into Corinthian brass gave the artist his most ductile and perfect material. Might we venture to imitate an author (whom indeed it is much safer to take as an authority than to attempt to copy), Lord Bacon, in some of his concise illustrations of the comparative utility of the different studies, we should say that history would give fullness, moral philosophy strength, and poetry elevation to the understanding.[1] Such in reality is the natural force and tendency of the studies; but there are few minds susceptible enough to derive from them any sort of virtue adequate to those high expressions. We must

[1] Compare Bacon's essay, "Of Studies."

be contented therefore to lower our panegyric to this, that a person cannot avoid receiving some infusion and tincture, at least, of those several qualities, from that course of diversified reading. One thing is unquestionable, that the elements of general reason are not to be found fully and truly expressed in any one kind of study; and that he who would wish to know her idiom, must read it in many books.

"If different studies are useful for aiding, they are still more useful for correcting each other; for as they have their particular merits severally, so they have their defects, and the most extensive acquaintance with one can produce only an intellect either too flashy or too jejune, or infected with some other fault of confined reading. History, for example, shows things as they are, that is, the morals and interests of men disfigured and perverted by all their imperfections of passion, folly, and ambition; philosophy strips the picture too much; poetry adorns it too much; the concentrated lights of the three correct the false peculiar coloring of each, and show us the truth. The right mode of thinking upon it is to be had from them taken all together, as every one must know who has seen their united contributions of thought and feeling expressed in the masculine sentiment of our immortal statesman, Mr. Burke, whose eloquence is inferior only to his more admirable wisdom. If any mind improved like his, is to be our instructor, we must go to the fountain head of things as he did, and study not his works but his method; by the one we may become feeble imitators, by the other arrive at some ability of our own. But, as all biography assures us, he, and every other able thinker, has been formed, not by a parsimonious admeasurement of studies to some definite future object (which is Mr. Edgeworth's maxim), but by taking a wide and liberal compass, and thinking a great deal on many subjects with no better end in view than because the

exercise was one which made them more rational and intelligent beings." [1]

10

But I must bring these extracts to an end. To-day I have confined myself to saying that that training of the intellect, which is best for the individual himself, best enables him to discharge his duties to society.[2] The Philosopher, indeed, and the man of the world differ in their very notion, but the methods, by which they are respectively formed, are pretty much the same. The Philosopher has the same command of matters of thought, which the true citizen and gentleman has of matters of business and conduct. If then a practical end must be assigned to a University course, I say it is that of training good members of society. Its art is the art of social life, and its end is fitness for the world. It neither confines its views to particular professions on the one hand, nor creates heroes or inspires genius on the other. Works indeed of genius fall under no art; heroic minds come under no rule; a University is not a birthplace of poets or of immortal authors, of founders of schools, leaders of colonies, or conquerors of nations. It does not promise a generation of Aristotles or

[1] *Quarterly Review*, 179-84, with omissions.

[2] Compare with this President C. W. Eliot's *Education for Efficiency*, pp. 13-4, 15, 18, 27, 29: "It may seem strange to say so, but it is perfectly plain to persons who have been carefully observing the rising generations that education for efficiency must especially endeavor to induce young people to think. . . . The efficient man is the man who thinks for himself, and is capable of thinking hard and long. . . . Another leading object in education for efficiency is the cultivation of the critical discernment of beauty and excellence in things and in words and thoughts, in nature and in human nature. . . . Finally education for efficiency should supply every pupil with the motive power of some enthusiasm or devotion. . . . Education for efficiency must not be materialistic, prosaic, or utilitarian; it must be idealistic, humane, and passionate, or it will not win its goal."

Newtons, of Napoleons or Washingtons, of Raphaels or Shakespeares, though such miracles of nature it has before now contained within its precincts. Nor is it content on the other hand with forming the critic or the experimentalist, the economist or the engineer, though such too it includes within its scope. But a University training is the great ordinary means to a great but ordinary end; it aims at raising the intellectual tone of society, at cultivating the public mind, at purifying the national taste, at supplying true principles to popular enthusiasm and fixed aims to popular aspiration, at giving enlargement and sobriety to the ideas of the age, at facilitating the exercise of political power, and refining the intercourse of private life. It is the education which gives a man a clear conscious view of his own opinions and judgments, a truth in developing them, an eloquence in expressing them, and a force in urging them. It teaches him to see things as they are, to go right to the point, to disentangle a skein of thought, to detect what is sophistical, and to discard what is irrelevant. It prepares him to fill any post with credit, and to master any subject with facility. It shows him how to accommodate himself to others, how to throw himself into their state of mind, how to bring before them his own, how to influence them, how to come to an understanding with them, how to bear with them. He is at home in any society, he has common ground with every class; he knows when to speak and when to be silent; he is able to converse, he is able to listen; he can ask a question pertinently, and gain a lesson seasonably, when he has nothing to impart himself; he is ever ready, yet never in the way; he is a pleasant companion, and a comrade you can depend upon; he knows when to be serious and when to trifle, and he has a sure tact which enables him to trifle with gracefulness and to be serious with effect. He has the repose

or a mind which lives in itself, while it lives in the world, and which has resources for its happiness at home when it cannot go abroad. He has a gift which serves him in public, and supports him in retirement, without which good fortune is but vulgar, and with which failure and disappointment have a charm. The art which tends to make a man all this, is in the object which it pursues as useful as the art of wealth or the art of health, though it is less susceptible of method, and less tangible, less certain, less complete in its result.

QUESTIONS

1. Reproduce Newman's summary of the three preceding essays.

2. What, in his opinion, is the relation of liberal knowledge to the truths of revealed religion?

3 and 4. In what two ways does Newman believe that liberal knowledge assists religion?

5. How does he consider this morality produced by education to differ from the virtue which is the result of religion?

6. What is the point to the illustration from Julian the Apostate?

7. What point does he make by his quotations from Shaftesbury?

8. In what two ways does Newman find the morality produced by liberal knowledge false and superficial?

9. What are the distinctions which he draws between humility and modesty, and between self-respect and conscience?

10. Is the gentleman here described necessarily virtuous?

IV

KNOWLEDGE VIEWED IN RELATION TO RELIGION

(*Idea of a University,* Discourse VIII)

I

We shall be brought, Gentlemen, to-day, to the termination of the investigation which I commenced three Discourses back, and which, I was well aware, from its length, if for no other reason, would make demands upon the patience even of indulgent hearers.

First I employed myself in establishing the principle that Knowledge is its own reward; and I showed that, when considered in this light, it is called Liberal Knowledge, and is the scope of Academical Institutions.

Next, I examined what is meant by Knowledge, when it is said to be pursued for its own sake; and I showed that, in order satisfactorily to fulfill this idea, Philosophy must be its *form;* or, in other words, that its matter must not be admitted into the mind passively, as so much acquirement, but must be mastered and appropriated as a system consisting of parts, related one to the other, and interpretative of one another in the unity of a whole.

Further, I showed that such a philosophical contemplation of the field of Knowledge as a whole, leading, as it did, to an understanding of its separate departments, and an appreciation of them respectively, might in consequence be rightly called an illumination; also, it was

rightly called an enlargement of mind, because it was a distinct location of things one with another, as if in space; while it was moreover its proper cultivation and its best condition, both because it secured to the intellect the sight of things as they are, or of truth, in opposition to fancy, opinion, and theory; and again, because it presupposed and involved the perfection of its various powers.

Such, I said, was that Knowledge, which deserves to be sought for its own sake, even though it promised no ulterior advantage. But, when I had got as far as this, I went farther, and observed that, from the nature of the case, what was so good in itself could not but have a number of external uses, though it did not promise them, simply because it *was* good; and that it was necessarily the source of benefits to society, great and diversified in proportion to its own intrinsic excellence. Just as in morals, honesty is the best policy, as being profitable in a secular aspect, though such profit is not the measure of its worth, so too as regards what may be called the virtues of the Intellect, their very possession indeed is a substantial good, and is enough, yet still that substance has a shadow, inseparable from it, viz., its social and political usefulness. And this was the subject to which I devoted the preceding Discourse.

One portion of the subject remains:—this intellectual culture, which is so exalted in itself, not only has a bearing upon social and active duties, but upon Religion also. The educated mind may be said to be in a certain sense religious; that is, it has what may be considered a religion of its own, independent of Catholicism, partly co-operating with it, partly thwarting it; at once a defense yet a disturbance to the Church in Catholic countries,—and in countries beyond her pale, at one time in open warfare with her, at another in defensive alliance. The history of

Schools and Academies, and of Literature and Science generally, will, I think, justify me in thus speaking. Since, then, my aim in these Discourses is to ascertain the function and the action of a University, viewed in itself, and its relations to the various instruments of teaching and training which are round about it, my survey of it would not be complete unless I attempted, as I now propose to do, to exhibit its general bearings upon Religion.

2

Right Reason, that is, Reason rightly exercised, leads the mind to the Catholic Faith, and plants it there, and teaches it in all its religious speculations to act under its guidance. But Reason, considered as a real agent in the world, and as an operative principle in man's nature, with an historical course and with definite results, is far from taking so straight and satisfactory a direction. It considers itself from first to last independent and supreme; it requires no external authority; it makes a religion for itself. Even though it accepts Catholicism, it does not go to sleep; it has an action and development of its own, as the passions have, or the moral sentiments, or the principle of self-interest. Divine grace, to use the language of Theology, does not by its presence supersede nature; nor is nature at once brought into simple concurrence and coalition with grace. Nature pursues its course, now coincident with that of grace, now parallel to it, now across, now divergent, now counter, in proportion to its own imperfection and to the attraction and influence which grace exerts over it. And what takes place as regards other principles of our nature and their developments is found also as regards the Reason. There is, we know, a Religion of enthusiasm, of superstitious ignorance, of state-

craft; and each has that in it which resembles Catholicism, and that again which contradicts Catholicism. There is the Religion of a warlike people, and of a pastoral people; there is a Religion of rude times, and in like manner there is a Religion of civilized times, of the cultivated intellect, of the philosopher, scholar, and gentleman. This is that Religion of Reason, of which I speak. Viewed in itself, however near it comes to Catholicism, it is of course simply distinct from it; for Catholicism is one whole, and admits of no compromise or modification. Yet this is to view it in the abstract; in matter of fact, and in reference to individuals, we can have no difficulty in conceiving this philosophical Religion present in a Catholic country, as a spirit influencing men to a certain extent, for good or for bad or for both,—a spirit of the age, which again may be found, as among Catholics, so with still greater sway and success in a country not Catholic, yet specifically the same in such a country as it exists in a Catholic community. The problem then before us to-day, is to set down some portions of the outline, if we can ascertain them, of the Religion of Civilization, and to determine how they lie relatively to those principles, doctrines, and rules, which Heaven has given us in the Catholic Church.

And here again, when I speak of Revealed Truth, it is scarcely necessary to say that I am not referring to the main articles and prominent points of faith, as contained in the Creed. Had I undertaken to delineate a philosophy, which directly interfered with the Creed, I could not have spoken of it as compatible with the profession of Catholicism. The philosophy I speak of, whether it be viewed within or outside the Church, does not necessarily take cognizance of the Creed. Where the country is Catholic, the educated mind takes its articles for granted, by a sort of implicit faith; where it is not, it simply ig-

nores them and the whole subject-matter to which they relate, as not affecting social and political interests. Truths about God's Nature, about His dealings towards the human race, about the Economy of Redemption,—in the one case it humbly accepts them, and passes on; in the other it passes them over, as matters of simple opinion, which never can be decided, and which can have no power over us to make us morally better or worse. I am not speaking then of belief in the great objects of faith, when I speak of Catholicism, but I am contemplating Catholicism chiefly as a system of pastoral instruction and moral duty; and I have to do with its doctrines mainly as they are subservient to its direction of the conscience and the conduct. I speak of it, for instance, as teaching the ruined state of man; his utter inability to gain Heaven by any thing he can do himself; the moral certainty of his losing his soul if left to himself; the simple absence of all rights and claims on the part of the creature in the presence of the Creator; the illimitable claims of the Creator on the service of the creature; the imperative and obligatory force of the voice of conscience; and the inconceivable evil of sensuality. I speak of it as teaching, that no one gains Heaven except by the free grace of God, or without a regeneration of nature; that no one can please Him without faith; that the heart is the seat both of sin and of obedience; that charity is the fulfilling of the Law; and that incorporation into the Catholic Church is the ordinary instrument of salvation. These are the lessons which distinguish Catholicism as a popular religion, and these are the subjects to which the cultivated intellect will practically be turned:—I have to compare and contrast, not the doctrinal, but the moral and social teaching of Philosophy on the one hand, and Catholicism on the other.

3

Now, on opening the subject, we see at once a momentous benefit which the philosopher is likely to confer on the pastors of the Church. It is obvious that the first step which they have to effect in the conversion of man and the renovation of his nature, is his rescue from that fearful subjection to sense which is his ordinary state. To be able to break through the meshes of that thraldom, and to disentangle and to disengage its ten thousand holds upon the heart, is to bring it, I might almost say, half way to Heaven. Here, even divine grace, to speak of things according to their appearances, is ordinarily baffled, and retires, without expedient or resource, before this giant fascination. Religion seems too high and unearthly to be able to exert a continued influence upon us: its effort to rouse the soul, and the soul's effort to co-operate, are too violent to last. It is like holding out the arm at full length, or supporting some great weight, which we manage to do for a time, but soon are exhausted and succumb. Nothing can act beyond its own nature; when then we are called to what is supernatural, though those extraordinary aids from Heaven are given us, with which obedience becomes possible, yet even with them it is of transcendent difficulty. We are drawn down to earth every moment with the ease and certainty of a natural gravitation, and it is only by sudden impulses and, as it were, forcible plunges that we attempt to mount upwards. Religion indeed enlightens, terrifies, subdues; it gives faith, it inflicts remorse, it inspires resolutions, it draws tears, it inflames devotion, but only for the occasion. I repeat, it imparts an inward power which ought to effect more than this; I am not forgetting either the real sufficiency of its aids, nor the responsibility of those in whom they fail. I am

not discussing theological questions at all, I am looking at phenomena as they lie before me, and I say that, in matter of fact, the sinful spirit repents, and protests it will never sin again, and for a while is protected by disgust and abhorrence from the malice of its foe. But that foe knows too well that such seasons of repentance are wont to have their end: he patiently waits, till nature faints with the effort of resistance, and lies passive and hopeless under the next access of temptation. What we need then is some expedient or instrument, which at least will obstruct and stave off the approach of our spiritual enemy, and which is sufficiently congenial and level with our nature to maintain as firm a hold upon us as the inducements of sensual gratification. It will be our wisdom to employ nature against itself. Thus sorrow, sickness, and care are providential antagonists to our inward disorders; they come upon us as years pass on, and generally produce their natural effects on us, in proportion as we are subjected to their influence. These, however, are God's instruments, not ours; we need a similar remedy, which we can make our own, the object of some legitimate faculty, or the aim of some natural affection, which is capable of resting on the mind, and taking up its familiar lodging with it, and engrossing it, and which thus becomes a match for the besetting power of sensuality, and a sort of homeopathic medicine for the disease. Here then I think is the important aid which intellectual cultivation furnishes to us in rescuing the victims of passion and self-will. It does not supply religious motives; it is not the cause or proper antecedent of anything supernatural; it is not meritorious of heavenly aid or reward; but it does a work, at least *materially* good (as theologians speak), whatever be its real and formal character. It expels the excitements of sense by the introduction of those of the intellect.

This then is the *primâ facie* advantage of the pursuit of Knowledge; it is the drawing the mind off from things which will harm it to subjects which are worthy a rational being; and, though it does not raise it above nature, nor has any tendency to make us pleasing to our Maker, yet is it nothing to substitute what is in itself harmless for what is, to say the least, inexpressibly dangerous? is it a little thing to exchange a circle of ideas which are certainly sinful, for others which are certainly not so? You will say, perhaps, in the words of the Apostle, "Knowledge puffeth up":[1] and doubtless this mental cultivation, even when it is successful for the purpose for which I am applying it, may be from the first nothing more than the substitution of pride for sensuality. I grant it, I think I shall have something to say on this point presently; but this is not a necessary result, it is but an incidental evil, a danger which may be realized or may be averted, whereas we may in most cases predicate guilt, and guilt of a heinous kind, where the mind is suffered to run wild and indulge its thoughts without training or law of any kind; and surely to turn away a soul from mortal sin is a good and a gain so far, whatever comes of it. And therefore, if a friend in need is twice a friend, I conceive that intellectual employments, though they do no more than occupy the mind with objects naturally noble or innocent, have a special claim upon our consideration and gratitude.

4

Nor is this all: Knowledge, the discipline by which it is gained, and the tastes which it forms, have a natural tendency to refine the mind, and to give it an indisposition, simply natural, yet real, nay, more than this, a disgust

[1] 1 Cor. viii, 1.

and abhorrence, towards excesses and enormities of evil, which are often or ordinarily reached at length by those who are not careful from the first to set themselves against what is vicious and criminal. It generates within the mind a fastidiousness, analogous to the delicacy or daintiness which good nurture or a sickly habit induces in respect of food; and this fastidiousness, though arguing no high principle, though no protection in the case of violent temptation, nor sure in its operation, yet will often or generally be lively enough to create an absolute loathing of certain offenses, or a detestation and scorn of them as ungentlemanlike, to which ruder natures, nay, such as have far more of real religion in them, are tempted, or even betrayed. Scarcely can we exaggerate the value, in its place, of a safeguard such as this, as regards those multitudes who are thrown upon the open field of the world, or are withdrawn from its eye and from the restraint of public opinion. In many cases, where it exists, sins, familiar to those who are otherwise circumstanced, will not even occur to the mind: in others, the sense of shame and the quickened apprehension of detection will act as a sufficient obstacle to them, when they do present themselves before it. Then, again, the fastidiousness I am speaking of will create a simple hatred of that miserable tone of conversation which, obtaining as it does in the world, is a constant fuel of evil, heaped up round about the soul: moreover, it will create an irresolution and indecision in doing wrong, which will act as a *remora* till the danger is past away. And though it has no tendency, I repeat, to mend the heart, or to secure it from the dominion in other shapes of those very evils which it repels in the particular modes of approach by which they prevail over others, yet cases may occur when it gives birth. after sins have been committed, to so keen a remorse and so intense a self-hatred, as are

even sufficient to cure the particular moral disorder, and to prevent its accesses ever afterwards;—as the spendthrift in the story, who, after gazing on his lost acres from the summit of an eminence, came down a miser, and remained a miser to the end of his days.

And all this holds good in a special way, in an age such as ours, when, although pain of body and mind may be rife as heretofore, yet other counteractions of evil, of a penal character, which are present at other times, are away. In rude and semi-barbarous periods, at least in a climate such as our own, it is the daily, nay, the principal business of the senses, to convey feelings of discomfort to the mind, as far as they convey feelings at all. Exposure to the elements, social disorder and lawlessness, the tyranny of the powerful, and the inroads of enemies, are a stern discipline, allowing brief intervals, or awarding a sharp penance, to sloth and sensuality. The rude food, the scanty clothing, the violent exercise, the vagrant life, the military constraint, the imperfect pharmacy, which now are the trials of only particular classes of the community, were once the lot more or less of all. In the deep woods or the wild solititudes of the medieval era, feelings of religion or superstition were naturally present to the population, which in various ways co-operated with the missionary or pastor, in retaining it in a noble simplicity of manners. But, when in the advancement of society men congregate in towns, and multiply in contracted spaces, and law gives them security, and art gives them comforts, and good government robs them of courage and manliness, and monotony of life throws them back upon themselves, who does not see that diversion or protection from evil they have none, that vice is the mere reaction of unhealthy toil, and sensual excess the holyday of resourceless ignorance? This is so well understood by the practical benevolence of the day,

that it has especially busied itself in plans for supplying the masses of our town population with intellectual and honorable recreations. Cheap literature, libraries of useful and entertaining knowledge, scientific lectureships, museums, zoological collections, buildings and gardens to please the eye and to give repose to the feelings, external objects of whatever kind, which may take the mind off itself, and expand and elevate it in liberal contemplations, these are the human means, wisely suggested, and good as far as they go, for at least parrying the assaults of moral evil, and keeping at bay the enemies, not only of the individual soul, but of society at large.

Such are the instruments by which an age of advanced civilization combats those moral disorders, which Reason as well as Revelation denounces; and I have not been backward to express my sense of their serviceableness to Religion. Moreover, they are but the foremost of a series of influences, which intellectual culture exerts upon our moral nature, and all upon the type of Christianity, manifesting themselves in veracity, probity, equity, fairness, gentleness, benevolence, and amiableness; so much so, that a character more noble to look at, more beautiful, more winning, in the various relations of life and in personal duties, is hardly conceivable, than may, or might be, its result, when that culture is bestowed upon a soil naturally adapted to virtue. If you would obtain a picture for contemplation which may seem to fulfill the ideal, which the Apostle has delineated under the name of charity, in its sweetness and harmony, its generosity, its courtesy to others, and its depreciation of self, you could not have recourse to a better furnished *studio* than to that of Philosophy, with the specimens of it, which with greater or less exactness are scattered through society in a civilized age. It is enough to refer you, Gentlemen, to the various Biog-

raphies and Remains of contemporaries and others, which from time to time issue from the press, to see how striking is the action of our intellectual upon our moral nature, where the moral material is rich, and the intellectual cast is perfect. Individuals will occur to all of us, who deservedly attract our love and admiration, and whom the world almost worships as the work of its own hands. Religious principle, indeed,—that is, faith,—is, to all appearance, simply away; the work is as certainly not supernatural as it is certainly noble and beautiful. This must be insisted on, that the Intellect may have its due; but it also must be insisted on for the sake of conclusions to which I wish to conduct our investigation. The radical difference indeed of this mental refinement from genuine religion, in spite of its seeming relationship, is the very cardinal point on which my present discussion turns; yet, on the other hand, such refinement may readily be assigned to a Christian origin by hasty or distant observers, or by those who view it in a particular light. And as this is the case, I think it advisable, before proceeding with the delineation of its characteristic features, to point out to you distinctly the elementary principles on which its morality is based.

5

You will bear in mind then, Gentlemen, that I spoke just now of the scorn and hatred which a cultivated mind feels for some kinds of vice, and the utter disgust and profound humiliation which may come over it, if it should happen in any degree to be betrayed into them. Now this feeling may have its root in faith and love, but it may not; there is nothing really religious in it, considered by itself. Conscience indeed is implanted in the breast by nature, but it inflicts upon us fear as well as shame; when

the mind is simply angry with itself and nothing more, surely the true import of the voice of nature and the depth of its intimations have been forgotten, and a false philosophy has misinterpreted emotions which ought to lead to God. Fear implies the transgression of a law, and a law implies a lawgiver and judge; but the tendency of intellectual culture is to swallow up the fear in the self-reproach, and self-reproach is directed and limited to our mere sense of what is fitting and becoming. Fear carries us out of ourselves, whereas shame may act upon us only within the round of our own thoughts. Such, I say, is the danger which awaits a civilized age; such is its besetting sin (not inevitable, God forbid! or we must abandon the use of God's own gifts), but still the ordinary sin of the Intellect; conscience tends to become what is called a moral sense; the command of duty is a sort of taste; sin is not an offense against God, but against human nature.

The less amiable specimens of this spurious religion are those which we meet not unfrequently in my own country. I can use with all my heart the poet's words,

"England, with all thy faults, I love thee still;"[1]

but to those faults no Catholic can be blind. We find there men possessed of many virtues, but proud, bashful, fastidious, and reserved. Why is this? it is because they think and act as if there were really nothing objective in their religion; it is because conscience to them is not the word of a lawgiver, as it ought to be, but the dictate of their own minds and nothing more; it is because they do not look out of themselves, because they do not look through and beyond their own minds to their Maker, but are engrossed in notions of what is due to themselves, to their own dignity and their

[1] Cowper, *Task*, II, 206.

own consistency. Their conscience has become a mere self-respect. Instead of doing one thing and then another, as each is called for, in faith and obedience, careless of what may be called the *keeping* of deed with deed, and leaving Him who gives the command to blend the portions of their conduct into a whole, their one object, however unconscious to themselves, is to paint a smooth and perfect surface, and to be able to say to themselves that they have done their duty. When they do wrong, they feel, not contrition, of which God is the object, but remorse, and a sense of degradation. They call themselves fools, not sinners; they are angry and impatient, not humble. They shut themselves up in themselves; it is misery to them to think or to speak of their own feelings; it is misery to suppose that others see them, and their shyness and sensitiveness often become morbid. As to confession, which is so natural to the Catholic, to them it is impossible; unless indeed, in cases where they have been guilty, an apology is due to their own character, is expected of them, and will be satisfactory to look back upon. They are victims of an intense self-contemplation.

There are, however, far more pleasing and interesting forms of this moral malady than that which I have been depicting: I have spoken of the effect of intellectual culture on proud natures; but it will show to greater advantage, yet with as little approximation to religious faith, in amiable and unaffected minds. Observe, Gentlemen, the heresy, as it may be called, of which I speak, is the substitution of a moral sense or taste for conscience in the true meaning of the word; now this error may be the foundation of a character of far more elasticity and grace than ever adorned the persons whom I have been describing. It is especially congenial to men of an imaginative and poetical cast of mind, who will readily accept the notion

that virtue is nothing more than the graceful in conduct. Such persons, far from tolerating fear, as a principle, in their apprehension of religious and moral truth, will not be slow to call it simply gloom and superstition. Rather a philosopher's, a gentleman's religion, is of a liberal and generous character; it is based upon honor; vice is evil, because it is unworthy, despicable, and odious. This was the quarrel of the ancient heathen with Christianity, that, instead of simply fixing the mind on the fair and the pleasant, it intermingled other ideas with them of a sad and painful nature; that it spoke of tears before joy, a cross before a crown; that it laid the foundation of heroism in penance; that it made the soul tremble with the news of Purgatory and Hell; that it insisted on views and a worship of the Deity, which to their minds was nothing else than mean, servile, and cowardly. The notion of an All-perfect, Ever-present God, in whose sight we are less than atoms, and who, while He deigns to visit us, can punish as well as bless, was abhorrent to them; they made their own minds their sanctuary, their own ideas their oracle, and conscience in morals was but parallel to genius in art, and wisdom in philosophy.

6

Had I room for all that might be said upon the subject, I might illustrate this intellectual religion from the history of the Emperor Julian, the apostate from Christian Truth, the foe of Christian education. He, in whom every Catholic sees the shadow of the future Anti-Christ, was all but the pattern-man of philosophical virtue. Weak points in his character he had, it is true, even in a merely poetical standard; but, take him all in all, and I cannot but recogize in him a specious beauty and nobleness of moral deportment, which combines in it the rude greatness of Fa-

bricius or Regulus with the accomplishments of Pliny or Antoninus.[1] His simplicity of manners, his frugality, his austerity of life, his singular disdain of sensual pleasure, his military heroism, his application to business, his literary diligence, his modesty, his clemency, his accomplishments, as I view them, go to make him one of the most eminent specimens of pagan virtue which the world has ever seen.[2] Yet how shallow, how meager, nay, how unamiable is that virtue after all, when brought upon its critical trial by his sudden summons into the presence of his Judge! His last hours form a *unique* passage in history, both as illustrating the helplessness of philosophy under the stern realities of our being, and as being reported to us on the evidence of an eyewitness. "Friends and fellow-soldiers,"

[1] Fabricius Luscinus, the Roman consul and general, who died about 275 B.C., was famous for his incorruptible honesty: Marcus Atilius Regulus, his contemporary, for his fidelity to his word; he was captured by the Carthagenians and offered his liberty if he could induce his countrymen to make peace. Regulus went back to Rome for this purpose and, when he was unsuccessful, returned to Carthage, as he had promised, to suffer death.

Marcus Aurelius Antoninus, author of the *Meditations,* was equally noted for his philosophy and his virtue: Pliny the Younger, nephew of the naturalist, was a literary man, famous for his learning and his cultivation.

[2] I do not consider I have said above anything inconsistent with the following passage from Cardinal Gerdil, though I have enlarged on the favorable side of Julian's character. "Genius, learning, ability in the profession of war, courage and disinterestedness in the command of armies, virtue in actions rather than in qualities, but these actions oftenest spoiled by the vanity which was their motive, superstition joined to hypocrisy; a spirit fertile in clever resources but capable of pettiness, guilty of grave faults of government, of sacrificing the innocent to vengeance, filled with a venomous hatred toward the Christianity which he had abandoned, and with a passionate attachment to the follies of Theurgy [the magical science of the Neo-Platonists]:—such were the traits which were attributed to Julian." Op. t. x. p. 54. [Newman's note with the French quotation translated.]

he said, to use the words of a writer, well fitted, both from his literary tastes and from his hatred of Christianity, to be his panegyrist, "the seasonable period of my departure is now arrived, and I discharge, with the cheerfulness of a ready debtor, the demands of nature. . . . I die without remorse, as I have lived without guilt. I am pleased to reflect on the innocence of my private life; and I can affirm with confidence that the supreme authority, that emanation of the divine Power, has been preserved in my hands pure and immaculate . . . I now offer my tribute of gratitude to the Eternal Being, who has not suffered me to perish by the cruelty of a tyrant, by the secret dagger of conspiracy, or by the slow tortures of lingering disease. He has given me, in the midst of an honorable career, a splendid and glorious departure from this world, and I hold it equally absurd, equally base, to solicit, or to decline, the stroke of fate . . .

"He reproved the immoderate grief of the spectators, and conjured them not to disgrace, by unmanly tears, the fate of a prince who in a few moments would be united with Heaven and with the stars. The spectators were silent; and Julian entered into a metaphysical argument with the philosophers Priscus and Maximus on the nature of the soul. The efforts which he made, of mind as well as body, most probably hastened his death. His wound began to bleed with great violence; his respiration was embarrassed by the swelling of the veins; he called for a draught of cold water, and as soon as he had drank it expired without pain, about the hour of midnight."[1] Such, Gentlemen, is the final exhibition of the Religion of Reason: in the insensibility of conscience, in the ignorance of the very idea of sin, in the contemplation of his own moral consistency, in the simple absence of fear, in the cloudless self-

[1] Gibbon, *Hist.*, ch. xxiv. [Newman.]

confidence, in the serene self-possession, in the cold self-satisfaction, we recognize the mere Philosopher.

7

Gibbon paints with pleasure what, conformably with the sentiments of a godless intellectualism, was an historical fulfillment of his own idea of moral perfection; Lord Shaftesbury had already drawn out that idea in a theoretical form, in his celebrated collection of Treatises which he has called "Characteristics of men, manners, opinions, views;"[1] and it will be a further illustration of the subject before us, if you will allow me, Gentlemen, to make some extracts from this work.

One of his first attacks is directed against the doctrine of reward and punishment, as if it introduced a notion into religion inconsistent with the true apprehension of the beauty of virtue, and with the liberality and nobleness of spirit in which it should be pursued. "Men have not been content," he says, "to show the natural advantages of honesty and virtue. They have rather lessened these, the better, as they thought, to advance another foundation. They have made virtue so mercenary a thing,

[1] Anthony Ashley Cooper (1671-1713), third Earl of Shaftesbury, was an exponent of Deism, that is, a belief in God on natural and rational grounds, unconnected with revelation. His works express an optimism based upon what he conceived to be common-sense, somewhat like the views expressed in Pope's *Essay on Man* (see *College English*, ch. viii). He dismissed the evil of the world as only apparent, due to our ignorance which prevents us from seeing the harmony of the whole, into which all seeming discords were ultimately to be resolved. The perception of good—that is, the perception of this harmony—he often compared to musical taste. He was a great foe to what he called "enthusiasm," by which he meant religion based on emotional rather than rational grounds. The weapon by which he sought to combat it was ridicule, which in this sense he defines as the test of truth.

and have talked so much of its rewards, that one can hardly tell what there is in it, after all, which can be worth rewarding. For to be *bribed* only or *terrified* into an honest practice, bespeaks little of real honesty or worth."[1] "If," he says elsewhere, insinuating what he dare not speak out, "if through hope merely of reward, or fear of punishment, the creature be inclined to do the good he hates, or restrained from doing the ill to which he is not otherwise in the least degree averse, there is in this case no virtue or goodness whatever. There is no more of rectitude, piety, or sanctity, in a creature thus reformed, than there is meekness or gentleness in a tiger strongly chained, or innocence and sobriety in a monkey under the discipline of the whip. . . . While the will is neither gained, nor the inclination wrought upon, but awe alone prevails and forces obedience, the obedience is servile, and all which is done through it merely servile."[2] That is, he says that Christianity is the enemy of moral virtue, as influencing the mind by fear of God, not by love of good.

The motives then of hope and fear being, to say the least, put far into the background, and nothing being morally good but what springs simply or mainly from a love of virtue for its own sake, this love-inspiring quality in virtue is its beauty, while a bad conscience is not much more than the sort of feeling which makes us shrink from an instrument out of tune. "Some by mere nature," he says, "others by art and practice, are masters of an ear in music, an eye in painting, a fancy in the ordinary things of ornament and grace, a judgment in proportions of all kinds, and a general good taste in most of those subjects

[1] Shaftesbury, *Characteristics*, "Freedom of Wit and Humour," Pt. II, sect. iii.

[2] *Characteristics*, "Concerning Virtue or Merit," Bk. I, Pt. III, sect. iii.

which make the amusement and delight of the ingenious people of the world. Let such gentlemen as these be as extravagant as they please, or as irregular in their morals, they must at the same time discover their *inconsistency,* live at *variance* with themselves, and in *contradiction* to that principle on which they ground their highest pleasure and entertainment. Of all other *beauties* which virtuosos pursue, poets celebrate, musicians sing, and architects or artists of whatever kind describe or form, the most delightful, the most engaging and pathetic, is that which is drawn from real life and from the passions. Nothing affects the heart like that which is purely from itself, and of its own nature: such as the beauty of sentiments, the grace of actions, the turn of characters, and the *proportions and features* of a human mind. This lesson of philosophy, even a romance, a poem, or a play may teach us. . . . Let poets or the men of harmony deny, if they can, this force of nature, or withstand this *moral magic*. . . . Every one is a virtuoso of a higher or lower degree; every one pursues a grace . . . of one kind or other. The *venustum,* the *honestum,* the *decorum*[1] of things will force its way. . . . The most natural beauty in the world is honesty and moral truth; for all beauty is truth."[2]

Accordingly, virtue being only one kind of beauty, the principle which determines what is virtuous is, not conscience, but *taste*. "Could we once convince ourselves," he says, "of what is in itself so evident, viz., that in the very nature of things there must of necessity be the foundation of a right and wrong *taste,* as well in respect of inward character and features as of outward person, behavior, and action, we should be far more ashamed of ignorance

[1] The grace, the propriety, the seemliness.

[2] *Characteristics,* "Freedom of Wit and Humour," Pt. IV, sects. ii and iii.

and wrong judgment in the former than in the latter of these subjects. . . . One who aspires to the character of a man of breeding and politeness is careful to form his judgment of arts and sciences upon right models of perfection. . . . He takes particular care to turn his eye from every thing which is gaudy, luscious, and of false taste. Nor is he less careful to turn his ear from every sort of music, besides that which is of the best manner and truest harmony. 'Twere to be wished we had the same regard to a *right taste in life and manners.* . . . If civility and humanity be a taste; if brutality, insolence, riot, be in the same manner a taste, . . . who would not endeavor to force nature as well in this respect as in what relates to a taste or judgment in other arts and sciences?" [1]

Sometimes he distinctly contrasts this taste with principle and conscience, and gives it the preference over them. "After all," he says, "*'tis not merely what we call principle,* but *a taste,* which governs men. They may think for certain, 'This is right,' or 'that wrong'; they may believe 'this is a virtue,' or 'that a sin'; 'this is punishable by man,' or 'that by God'; yet if the savor of things lies cross to honesty, if the fancy be florid, and the appetite high towards the subaltern beauties and lower orders of worldly symmetries and proportions, the conduct will infallibly turn this latter way." Thus, somewhat like a Jansenist,[2] he makes the superior pleasure infallibly conquer, and implies that, neglecting principle, we have but to train the taste to a kind of beauty higher than sensual. He adds: "*Even conscience,* I fear, such as is owing to religious

[1] *Characteristics,* "Advice to an Author," Pt. III, sect. iii.

[2] A follower of the doctrines of Cornelius Jansen (1585-1638), whose teachings were declared heretical by the Pope in 1653. Newman is here apparently alluding to the Jansenist belief in conversion as mysteriously sent by God, not as a result of human effort to believe, a doctrine somewhat resembling Predestination.

discipline, will make but a slight figure, when this taste is set amiss." [1]

And hence the well-known doctrine of this author, that ridicule is the test of truth; for truth and virtue being beauty, and falsehood and vice deformity, and the feeling inspired by deformity being that of derision, as that inspired by beauty is admiration, it follows that vice is not a thing to weep about, but to laugh at. "Nothing is ridiculous," he says, "but what is deformed; nor is any thing proof against raillery but what is handsome and just. And therefore 'tis the hardest thing in the world to deny fair honesty the use of this weapon, which can never bear an edge against herself, and bears against every thing contrary." [2]

And hence again, conscience, which intimates a Lawgiver, being superseded by a moral taste or sentiment, which has no sanction beyond the constitution of our nature, it follows that our great rule is to contemplate ourselves, if we would gain a standard of life and morals. Thus he has entitled one of his Treatises a "Soliloquy," with the motto, "*Nec te quæsiveris extra*"; [3] and he observes, "The chief interest of ambition, avarice, corruption, and every sly insinuating vice, is to prevent this interview and familiarity of discourse, which is consequent upon close retirement and inward recess. 'Tis the grand artifice of villainy and lewdness, *as well as of superstition and bigotry,* to put us upon terms of greater distance and formality with ourselves, and evade our *proving* method of soliloquy. . . . A passionate lover, whatever solitude he may affect,

[1] Both quotations are from the *Characteristics,* "Miscellaneous Reflections," Pt. III, ch. ii.

[2] *Characteristics,* "Freedom of Wit and Humour," Pt. IV, sect. i.

[3] The full title of the treatise is "Soliloquy, or Advice to an Author." The motto: "Do not search for yourself beyond yourself." The quotation following is from Pt. I, sect. ii.

can never be truly by himself. . . . 'Tis the same reason which keeps the imaginary saint or mystic from being capable of this entertainment. Instead of looking narrowly into his own nature and mind, that he may be no longer a mystery to himself, he is taken up with *the contemplation of other mysterious natures,* which he never can explain or comprehend."

8

Taking these passages as specimens of what I call the Religion of Philosophy, it is obvious to observe that there is no doctrine contained in them which is not in a certain sense true; yet, on the other hand, that almost every statement is perverted and made false, because it is not the whole truth. They are exhibitions of truth under one aspect, and therefore insufficient; conscience is most certainly a moral sense, but it is more; vice again, is a deformity, but it is worse. Lord Shaftesbury may insist, if he will, that simple and solitary fear cannot effect a moral conversion, and we are not concerned to answer him; but he will have a difficulty in proving that any real conversion follows from a doctrine which makes virtue a mere point of good taste, and vice vulgar and ungentlemanlike.

Such a doctrine is essentially superficial, and such will be its effects. It has no better measure of right and wrong than that of visible beauty and tangible fitness. Conscience indeed inflicts an acute pang, but that pang, forsooth, is irrational, and to reverence it is an illiberal superstition. But, if we will make light of what is deepest within us, nothing is left but to pay homage to what is more upon the surface. To *seem* becomes to *be;* what looks fair will be good, what causes offense will be evil; virtue will be what pleases, vice what pains. As well may we measure

virtue by utility as by such a rule. Nor is this an imaginary apprehension; we all must recollect the celebrated sentiment into which a great and wise man was betrayed, in the growing eloquence of his valediction to the spirit of chivalry. "It is gone," cries Mr. Burke; "that sensibility of principle, that chastity of honor, which felt a stain like a wound; which inspired courage, while it mitigated ferocity; which ennobled whatever it touched, and under which *vice lost half its evil by losing all its grossness*." [1] In the last clause of this beautiful sentence we have too apt an illustration of the ethical temperament of a civilized age. It is detection, not the sin, which is the crime; private life is sacred, and inquiry into it is intolerable; and decency is virtue. Scandals, vulgarities, whatever shocks, whatever disgusts, are offenses of the first order. Drinking and swearing, squalid poverty, improvidence, laziness, slovenly disorder, make up the idea of profligacy: poets may say any thing, however wicked, with impunity; works of genius may be read without danger or shame, whatever their principles; fashion, celebrity, the beautiful, the heroic, will suffice to force any evil upon the community. The splendors of a court, and the charms of good society, wit, imagination, taste, and high breeding, the *prestige* of rank, and the resources of wealth, are a screen, an instrument, and an apology for vice and irreligion. And thus at length we find, surprising as the change may be, that that very refinement of Intellectualism, which began by repelling sensuality, ends by excusing it. Under the shadow indeed of the Church, and in its due development, Philosophy does service to the cause of morality; but when it is strong enough to have a will of its own, and is lifted up with an idea of its own importance, and attempts

[1] Burke, *Reflections on the Revolution in France, Works* (Boston, 1881), III, 332.

to form a theory, and to lay down a principle, and to carry out a system of ethics, and undertakes the moral education of the man, then it does but abet evils to which at first it seemed instinctively opposed. True Religion is slow in growth, and, when once planted, is difficult of dislodgement; but its intellectual counterfeit has no root in itself: it springs up suddenly, it suddenly withers. It appeals to what is in nature, and it falls under the dominion of the old Adam. Then, like dethroned princes, it keeps up a state and majesty, when it has lost the real power. Deformity is its abhorrence; accordingly, since it cannot dissuade men from vice, therefore in order to escape the sight of its deformity, it embellishes it. It "skins and films the ulcerous place," which it cannot probe or heal,

> "Whiles rank corruption, mining all within,
> Infects unseen." [1]

And from this shallowness of philosophical Religion it comes to pass that its disciples seem able to fulfill certain precepts of Christianity more readily and exactly than Christians themselves. St. Paul, as I have said, gives us a pattern of evangelical perfection; he draws the Christian character in its most graceful form, and its most beautiful hues. He discourses of that charity which is patient and meek, humble and single-minded, disinterested, contented, and persevering. He tells us to prefer each the other before himself, to give way to each other, to abstain from rude words and evil speech, to avoid self-conceit, to be calm and grave, to be cheerful and happy, to observe peace with all men, truth and justice, courtesy and gentleness, all that is modest, amiable, virtuous, and of good repute. Such is St. Paul's exemplar of the Christian in his external relations; and, I repeat, the school of the

[1] *Hamlet*, III, iv, 147-9.

world seems to send out living copies of this typical excellence with greater success than the Church. At this day the "gentleman" is the creation, not of Christianity, but of civilization. But the reason is obvious. The world is content with setting right the surface of things; the Church aims at regenerating the very depths of the heart. She ever begins with the beginning; and, as regards the multitude of her children, is never able to get beyond the beginning, but is continually employed in laying the foundation. She is engaged with what is essential, as previous and as introductory to the ornamental and the attractive. She is curing men and keeping them clear of mortal sin; she is "treating of justice and chastity, and the judgment to come": she is insisting on faith and hope, and devotion, and honesty, and the elements of charity; and has so much to do with precept, that she almost leaves it to inspirations from Heaven to suggest what is of counsel and perfection. She aims at what is necessary rather than at what is desirable. She is for the many as well as for the few. She is putting souls in the way of salvation, that they may then be in a condition, if they shall be called upon, to aspire to the heroic, and to attain the full proportions, as well as the rudiments, of the beautiful.

9

Such is the method, or the policy (so to call it), of the Church; but Philosophy looks at the matter from a very different point of view: what have Philosophers to do with the terror of judgment or the saving of the soul? Lord Shaftesbury calls the former a sort of "panic fear." Of the latter he scoffingly complains that "the saving of souls is now the heroic passion of exalted spirits."[1] Of

[1] *Characteristics*, "A Letter Concerning Enthusiasm," sect. ii.

course he is at liberty, on his principles, to pick and choose out of Christianity what he will; he discards the theological, the mysterious, the spiritual; he makes selection of the morally or esthetically beautiful. To him it matters not at all that he begins his teaching where he should end it; it matters not that, instead of planting the tree, he merely crops its flowers for his banquet; he only aims at the present life, his philosophy dies with him; if his flowers do but last to the end of his revel, he has nothing more to seek. When night comes, the withered leaves may be mingled with his own ashes; he and they will have done their work, he and they will be no more. Certainly, it costs little to make men virtuous on conditions such as these; it is like teaching them a language or an accomplishment, to write Latin or to play on an instrument,—the profession of an artist, not the commission of an Apostle.

This embellishment of the exterior is almost the beginning and the end of philosophical morality. This is why it aims at being modest rather than humble; this is how it can be proud at the very time that it is unassuming. To humility indeed it does not even aspire; humility is one of the most difficult of virtues both to attain and to ascertain. It lies close upon the heart itself, and its tests are exceedingly delicate and subtle. Its counterfeits abound; however, we are little concerned with them here, for, I repeat, it is hardly professed even by name in the code of ethics which we are reviewing. As has been often observed, ancient civilization had not the idea, and had no word to express it: or rather, it had the idea, and considered it a defect of mind, not a virtue, so that the word which denoted it conveyed a reproach.[1] As to the modern world, you may gather its ignorance of it by its perversion of the

[1] The Greek *χαμαί* and the Latin *humilis, humilitas* imply baseness, meanness of mind.

somewhat parallel term "condescension." Humility or condescension, viewed as a virtue of conduct, may be said to consist, as in other things, so in our placing ourselves in our thoughts on a level with our inferiors; it is not only a voluntary relinquishment of the privileges of our own station, but an actual participation or assumption of the condition of those to whom we stoop. This is true humility, to feel and to behave as if we were low; not, to cherish a notion of our importance, while we affect a low position. Such was St. Paul's humility, when he called himself "the least of the saints";[1] such the humility of those many holy men who have considered themselves the greatest of sinners. It is an abdication, as far as their own thoughts are concerned, of those prerogatives or privileges to which others deem them entitled. Now it is not a little instructive to contrast with this idea, Gentlemen,—with this theological meaning of the word "condescension,"—its proper English sense; put them in juxtaposition, and you will at once see the difference between the world's humility and the humility of the Gospel. As the world uses the word, "condescension" is a stooping indeed of the person, but a bending forward, unattended with any the slightest effort to leave by a single inch the seat in which it is so firmly established. It is the act of a superior, who protests to himself, while he commits it, that he is superior still, and that he is doing nothing else but an act of grace towards those on whose level, in theory, he is placing himself. And this is the nearest idea which the philosopher can form of the virtue of self-abasement; to do more than this is to his mind a meanness or an hypocrisy, and at once excites his suspicion and disgust. What the world is, such it has ever been; we know the contempt which the educated pagans had for the martyrs and con-

[1] Eph. iii, 8.

fessors of the Church; and it is shared by the anti-Catholic bodies of this day.

Such are the ethics of Philosophy, when faithfully represented; but an age like this, not pagan, but professedly Christian, cannot venture to reprobate humility in set terms, or to make a boast of pride. Accordingly, it looks out for some expedient by which it may blind itself to the real state of the case. Humility, with its grave and self-denying attributes, it cannot love: but what is more beautiful, what more winning, than modesty? what virtue, at first sight, simulates humility so well? though what in fact is more radically distinct from it? In truth, great as is its charm, modesty is not the deepest or the most religious of virtues. Rather it is the advanced guard or sentinel of the soul militant, and watches continually over its nascent intercourse with the world about it. It goes the round of the senses; it mounts up into the countenance; it protects the eye and ear; it reigns in the voice and gesture. Its province is the outward deportment, as other virtues have relation to matters theological, others to society, and others to the mind itself. And being more superficial than other virtues, it is more easily disjoined from their company; it admits of being associated with principles or qualities naturally foreign to it, and is often made the cloak of feelings or ends for which it was never given to us. So little is it the necessary index of humility, that it is even compatible with pride. The better for the purpose of Philosophy; humble it cannot be, so forthwith modesty becomes its humility.

Pride, under such training, instead of running to waste in the education of the mind, is turned to account; it gets a new name; it is called self-respect; and ceases to be the disagreeable, uncompanionable quality which it is in itself. Though it be the motive principle of the soul, it seldom

comes to view; and when it shows itself, then delicacy and gentleness are its attire, and good sense and sense of honor direct its motions. It is no longer a restless agent, without definite aim; it has a large field of exertion assigned to it, and it subserves those social interests which it would naturally trouble. It is directed into the channel of industry, frugality, honesty, and obedience; and it becomes the very staple of the religion and morality held in honor in a day like our own. It becomes the safeguard of chastity, the guarantee of veracity, in high and low; it is the very household god of society, as at present constituted, inspiring neatness and decency in the servant girl, propriety of carriage and refined manners in her mistress, uprightness, manliness, and generosity in the head of the family. It diffuses a light over town and country; it covers the soil with handsome edifices and smiling gardens; it tills the field, it stocks and embellishes the shop. It is the stimulating principle of providence on the one hand, and of free expenditure on the other; of an honorable ambition, and of elegant enjoyment. It breathes upon the face of the community, and the hollow sepulcher is forthwith beautiful to look upon.

Refined by the civilization which has brought it into activity, this self-respect infuses into the mind an intense horror of exposure, and a keen sensitiveness of notoriety and ridicule. It becomes the enemy of extravagances of any kind; it shrinks from what are called scenes; it has no mercy on the mock-heroic, on pretense or egotism, on verbosity in language, or what is called prosiness in conversation. It detests gross adulation; not that it tends at all to the eradication of the appetite to which the flatterer ministers, but it sees the absurdity of indulging it, it understands the annoyance thereby given to others, and if a tribute must be paid to the wealthy or the powerful, it

demands greater subtlety and art in the preparation. Thus vanity is changed into a more dangerous self-conceit, as being checked in its natural eruption. It teaches men to suppress their feelings, and to control their tempers, and to mitigate both the severity and the tone of their judgments. As Lord Shaftesbury would desire, it prefers playful wit and satire in putting down what is objectionable, as a more refined and good-natured, as well as a more effectual method, than the expedient which is natural to uneducated minds. It is from this impatience of the tragic and the bombastic that it is now quietly but energetically opposing itself to the unchristian practice of duelling, which it brands as simply out of taste, and as the remnant of a barbarous age; and certainly it seems likely to effect what Religion has aimed at abolishing in vain.

10

Hence it is that it is almost a definition of a gentleman to say he is one who never inflicts pain. This description is both refined and, as far as it goes, accurate. He is mainly occupied in merely removing the obstacles which hinder the free and unembarrassed action of those about him; and he concurs with their movements rather than takes the initiative himself. His benefits may be considered as parallel to what are called comforts or conveniences in arrangements of a personal nature: like an easy chair or a good fire, which do their part in dispelling cold and fatigue, though nature provides both means of rest and animal heat without them. The true gentleman in like manner carefully avoids whatever may cause a jar or a jolt in the minds of those with whom he is cast;—all clashing of opinion, or collision of feeling, all restraint, or suspicion, or gloom, or resentment; his great concern being to

make every one at their ease and at home. He has his eyes on all his company; he is tender towards the bashful, gentle towards the distant, and merciful towards the absurd; he can recollect to whom he is speaking; he guards against unseasonable allusions, or topics which may irritate; he is seldom prominent in conversation, and never wearisome. He makes light of favors while he does them, and seems to be receiving when he is conferring. He never speaks of himself except when compelled, never defends himself by a mere retort, he has no ears for slander or gossip, is scrupulous in imputing motives to those who interfere with him, and interprets every thing for the best. He is never mean or little in his disputes, never takes unfair advantage, never mistakes personalities or sharp sayings for arguments, or insinuates evil which he dare not say out. From a long-sighted prudence, he observes the maxim of the ancient sage, that we should ever conduct ourselves towards our enemy as if he were one day to be our friend. He has too much good sense to be affronted at insults, he is too well employed to remember injuries, and too indolent to bear malice. He is patient, forbearing, and resigned, on philosophical principles; he submits to pain, because it is inevitable, to bereavement, because it is irreparable, and to death, because it is his destiny. If he engages in controversy of any kind, his disciplined intellect preserves him from the blundering discourtesy of better, perhaps, but less educated minds; who, like blunt weapons, tear and hack instead of cutting clean, who mistake the point in argument, waste their strength on trifles, misconceive their adversary, and leave the question more involved than they find it. He may be right or wrong in his opinion, but he is too clear-headed to be unjust; he is as simple as he is forcible, and as brief as he is decisive. Nowhere shall we find greater candor, consideration, indulgence: he throws himself into

the minds of his opponents, he accounts for their mistakes. He knows the weakness of human reason as well as its strength, its province and its limits. If he be an unbeliever, he will be too profound and large-minded to ridicule religion or to act against it; he is too wise to be a dogmatist or fanatic in his infidelity. He respects piety and devotion; he even supports institutions as venerable, beautiful, or useful, to which he does not assent; he honors the ministers of religion, and it contents him to decline its mysteries without assailing or denouncing them. He is a friend of religious toleration, and that, not only because his philosophy has taught him to look on all forms of faith with an impartial eye, but also from the gentleness and effeminacy of feeling, which is the attendant on civilization.

Not that he may not hold a religion too, in his own way, even when he is not a Christian. In that case his religion is one of imagination and sentiment; it is the embodiment of those ideas of the sublime, majestic, and beautiful, without which there can be no large philosophy. Sometimes he acknowledges the being of God, sometimes he invests an unknown principle or quality with the attributes of perfection. And this deduction of his reason, or creation of his fancy, he makes the occasion of such excellent thoughts, and the starting-point of so varied and systematic a teaching, that he even seems like a disciple of Christianity itself. From the very accuracy and steadiness of his logical powers, he is able to see what sentiments are consistent in those who hold any religious doctrine at all, and he appears to others to feel and to hold a whole circle of theological truths, which exist in his mind no otherwise than as a number of deductions.

Such are some of the lineaments of the ethical character, which the cultivated intellect will form, apart from

religious principle. They are seen within the pale of the Church and without it, in holy men, and in profligate; they form the *beau-ideal* of the world; they partly assist and partly distort the development of the Catholic. They may subserve the education of a St. Francis de Sales or a Cardinal Pole;[1] they may be the limits of the contemplation of a Shaftesbury or a Gibbon.[2] Basil[3] and Julian were fellow-students at the schools of Athens; and one became the Saint and Doctor of the Church, the other her scoffing and relentless foe.

[1] St. Francis of Sales (1567-1622) was Bishop of Geneva and founder of the Order of the Visitation: Reginald Pole (1500-58), Cardinal from 1536, was President of the Council of Trent and Archbishop of Canterbury in Mary's reign.

[2] See p. 102, above.

[3] Basil (329-379), one of the Fathers of the Greek church; he was the great opponent of Arianism. (See Newman's *Historical Sketches,* Vol. II, "The Church of the Fathers.")

ARNOLD

CULTURE AND ANARCHY

THE FUNCTION OF CRITICISM AT THE PRESENT TIME

LITERATURE AND SCIENCE

Bibliographical Note.—*Culture and Anarchy*, of which the greater part is here printed, appeared first as a series of articles in the *Cornhill Magazine* in 1867-8 under the titles "Culture and its Enemies" and "Anarchy and Authority." It was issued first in book form in 1869. By its title Arnold evidently meant to suggest his belief that the only corrective for what he considered the political and social anarchy of the day was culture.

"The Function of Criticism at the Present Time" was the first essay in Arnold's first volume of *Essays in Criticism*, which appeared in 1865.

"Literature and Science" was first printed in the *Nineteenth Century*, August, 1882. It was revised afterwards for use as a lecture in the United States, and reprinted in *Discourses in America*, 1885.

V

CULTURE AND ANARCHY: INTRODUCTION

In one of his speeches a short time ago, that fine speaker and famous Liberal, Mr. Bright,[1] took occasion to have a fling at the friends and preachers of culture. "People who talk about what they call *culture!*" said he, contemptuously; "by which they mean a smattering of the two dead languages of Greek and Latin." And he went on to remark, in a strain with which modern speakers and writers have made us very familiar, how poor a thing this culture is, how little good it can do to the world, and how absurd it is for its possessors to set much store by it. And the other day a younger Liberal than Mr. Bright, one of a school whose mission it is to bring into order and system that body of truth with which the earlier Liberals merely fumbled, a member of the University of Oxford, and a very clever writer, Mr. Frederic Harrison,[2] developed, in the systematic and stringent manner of his school, the thesis which Mr. Bright had propounded in only general terms. "Perhaps the very silliest cant of the day," said Mr. Frederic Harrison, "is the cant about culture. Culture is a desirable quality in a critic of new books, and sits well on a possessor of *belles-lettres;* but as applied to politics, it means simply a turn for small fault-finding, love of selfish ease, and indecision in action. The man of culture is in politics

[1] John Bright (1811-89), the great orator and Liberal statesman, a champion throughout his life of what he believed to be the cause of the people.

[2] See p. 150, note 2.

one of the poorest mortals alive. For simple pedantry and want of good sense no man is his equal. No assumption is too unreal, no end is too unpractical for him. But the active exercise of politics requires common sense, sympathy, trust, resolution, and enthusiasm, qualities which your man of culture has carefully rooted up, lest they damage the delicacy of his critical olfactories. Perhaps they are the only class of responsible beings in the community who cannot with safety be entrusted with power." [1]

Now for my part I do not wish to see men of culture asking to be entrusted with power; and, indeed, I have freely said, that in my opinion the speech most proper, at present, for a man of culture to make to a body of his fellow-countrymen who get him into a committee-room, is Socrates's: *Know thyself!* and this is not a speech to be made by men wanting to be entrusted with power. For this very indifference to direct political action I have been taken to task by the *Daily Telegraph,* coupled, by a strange perversity of fate, with just that very one of the Hebrew prophets whose style I admire the least, and called "an elegant Jeremiah." It is because I say (to use the words which the *Daily Telegraph* puts in my mouth):—"You mustn't make a fuss because you have no vote,—that is vulgarity; you mustn't hold big meetings to agitate for reform bills and to repeal corn laws,—that is the very height of vulgarity," —it is for this reason that I am called sometimes an elegant Jeremiah, sometimes a spurious Jeremiah, a Jeremiah about the reality of whose mission the writer in the *Daily Telegraph* has his doubts. It is evident, therefore, that I have so taken my line as not to be exposed to the whole brunt of Mr. Frederic Harrison's censure. Still, I have often spoken in praise of culture, I have striven to make all my

[1] Harrison: "Our Venetian Constitution," *Fortnightly Review,* March, 1867, pp. 276-7.

works and ways serve the interests of culture. I take culture to be something a great deal more than what Mr. Frederic Harrison and others call it: "a desirable quality in a critic of new books." Nay, even though to a certain extent I am disposed to agree with Mr. Frederic Harrison, that men of culture are just the class of responsible beings in this community of ours who cannot properly, at present, be entrusted with power, I am not sure that I do not think this the fault of our community rather than of the men of culture. In short, although, like Mr. Bright and Mr. Frederic Harrison, and the editor of the *Daily Telegraph*, and a large body of valued friends of mine, I am a Liberal, yet I am a Liberal tempered by experience, reflection, and renouncement, and I am, above all, a believer in culture. Therefore I propose now to try and inquire, in the simple unsystematic way which best suits both my taste and my powers, what culture really is, what good it can do, what is our own special need of it; and I shall seek to find some plain grounds on which a faith in culture,—both my own faith in it and the faith of others,—may rest securely.

QUESTIONS

1. Explain the two motives which Arnold assigns to culture, and the way in which each may be misconceived.

2. What is Arnold's idea of the relation of culture to religion? Compare it with Newman's.

3. Why does culture demand the perfection of all the members of the state?

4. What does Arnold mean by "machinery"? How does he illustrate his idea? What, according to him, is the real value of "machinery"?

5. What does Arnold mean by the terms "Sweetness and Light"?

6. What, according to Arnold, is the ideal of poetry? Of religion? What bearing has one on the other? How does he think the English people have misunderstood them? What fault does he find with the religion of the English people?

7. What does Arnold consider to be the attitude of culture toward the ideals of the English nation?

8. Why, according to him, has Oxford been the home of so many beaten causes? What is his comment?

9. Why does culture tend to mistrust any system of reform?

10. How does culture work for equality?

VI

SWEETNESS AND LIGHT

(*Culture and Anarchy,* Chapter I)

The disparagers of culture make its motive curiosity; sometimes, indeed, they make its motive mere exclusiveness and vanity. The culture which is supposed to plume itself on a smattering of Greek and Latin is a culture which is begotten by nothing so intellectual as curiosity; it is valued either out of sheer vanity and ignorance or else as an engine of social and class distinction, separating its holder, like a badge or title, from other people who have not got it. No serious man would call this *culture,* or attach any value to it, as culture, at all. To find the real ground for the very different estimate which serious people will set upon culture, we must find some motive for culture in the terms of which may lie a real ambiguity; and such a motive the word *curiosity* gives us.

I have before now pointed out [1] that we English do not, like the foreigners, use this word in a good sense as well as in a bad sense. With us the word is always used in a somewhat disapproving sense. A liberal and intelligent eagerness about the things of the mind may be meant by a foreigner when he speaks of curiosity, but with us the word always conveys a certain notion of frivolous and unedifying activity. In the *Quarterly Review,* some little time ago, was an estimate of the celebrated French critic, M. Sainte-

[1] In the "Function of Criticism." See Essay XI, p. 210, in this volume.

Beuve, and a very inadequate estimate it in my judgment was.[1] And its inadequacy consisted chiefly in this: that in our English way it left out of sight the double sense really involved in the word *curiosity,* thinking enough was said to stamp M. Sainte-Beuve with blame if it was said that he was impelled in his operations as a critic by curiosity, and omitting either to perceive that M. Sainte-Beuve himself, and many other people with him, would consider that this was praiseworthy and not blameworthy, or to point out why it ought really to be accounted worthy of blame and not of praise. For as there is a curiosity about intellectual matters which is futile, and merely a disease, so there is certainly a curiosity,—a desire after the things of the mind simply for their own sakes and for the pleasure of seeing them as they are,—which is, in an intelligent being, natural and laudable. Nay, and the very desire to see things as they are implies a balance and regulation of mind which is not often attained without fruitful effort, and which is the very opposite of the blind and diseased impulse of mind which is what we mean to blame when we blame curiosity. Montesquieu says: "The first motive which ought to impel us to study is the desire to augment the excellence of our nature, and to render an intelligent being yet more intelligent."[2] This is the true ground to assign for the genuine scientific passion, however manifested, and for culture, viewed simply as a fruit of this passion; and it is a worthy ground, even though we let the term *curiosity* stand to describe it.

[1] *Quarterly Review,* Jan., 1866, Vol. CXIX. pp. 80-108. The writer attributes to Sainte-Beuve "great natural power, a mind originally pliable and subtle and comprehensive to the very highest degree, curious and penetrative, impartial to a fault," but refuses him the supreme place which Arnold always assigns him.

[2] Montesquieu: *Discours sur les motifs qui doivent nous encourager aux sciences,* 1725 (*Œuvres Complètes,* 1879, VII, 78).

But there is of culture another view, in which not solely the scientific passion, the sheer desire to see things as they are, natural and proper in an intelligent being, appears as the ground of it. There is a view in which all the love of our neighbor, the impulses towards action, help, and beneficence, the desire for removing human error, clearing human confusion, and diminishing human misery, the noble aspiration to leave the world better and happier than we found it,—motives eminently such as are called social,—come in as part of the grounds of culture, and the main and pre-eminent part. Culture is then properly described not as having its origin in curiosity, but as having its origin in the love of perfection; it is *a study of perfection.* It moves by the force, not merely or primarily of the scientific passion for pure knowledge, but also of the moral and social passion for doing good. As, in the first view of it, we took for its worthy motto Montesquieu's words: "To render an intelligent being yet more intelligent!" so, in the second view of it, there is no better motto which it can have than these words of Bishop Wilson: "To make reason and the will of God prevail!" [1]

Only, whereas the passion for doing good is apt to be overhasty in determining what reason and the will of God say, because its turn is for acting rather than thinking and it wants to be beginning to act; and whereas it is apt to take its own conceptions, which proceed from its own state of development and share in all the imperfections and immaturities of this, for a basis of action; what distinguishes culture is, that it is possessed by the scientific passion as well as by the passion of doing good; that it demands

[1] Thomas Wilson (1663-1755), Bishop of Sodor and Man. His *Maxims of Piety and Christianity*, from which this quotation is taken, Arnold called (in the Preface to *Culture and Anarchy*), "a sample of the very best, perhaps, which our nation and race can do in the way of religious writing."

worthy notions of reason and the will of God, and does not readily suffer its own crude conceptions to substitute themselves for them. And knowing that no action or institution can be salutary and stable which is not based on reason and the will of God, it is not so bent on acting and instituting, even with the great aim of diminishing human error and misery ever before its thoughts, but that it can remember that acting and instituting are of little use, unless we know how and what we ought to act and to institute.

This culture is more interesting and more far-reaching than that other, which is founded solely on the scientific passion for knowing. But it needs times of faith and ardor, times when the intellectual horizon is opening and widening all round us, to flourish in. And is not the close and bounded intellectual horizon within which we have long lived and moved now lifting up, and are not new lights finding free passage to shine in upon us? For a long time there was no passage for them to make their way in upon us, and then it was of no use to think of adapting the world's action to them. Where was the hope of making reason and the will of God prevail among people who had a routine which they had christened reason and the will of God, in which they were inextricably bound, and beyond which they had no power of looking? But now the iron force of adhesion to the old routine,—social, political, religious,—has wonderfully yielded; the iron force of exclusion of all which is new has wonderfully yielded. The danger now is, not that people should obstinately refuse to allow anything but their old routine to pass for reason and the will of God, but either that they should allow some novelty or other to pass for these too easily, or else that they should underrate the importance of them altogether, and think it enough to follow action for its own sake, without troubling themselves to make reason and the

will of God prevail therein. Now, then, is the moment for culture to be of service, culture which believes in making reason and the will of God prevail, believes in perfection, is the study and pursuit of perfection, and is no longer debarred, by a rigid invincible exclusion of whatever is new, from getting acceptance for its ideas, simply because they are new.

The moment this view of culture is seized, the moment it is regarded not solely as the endeavor to see things as they are, to draw towards a knowledge of the universal order which seems to be intended and aimed at in the world, and which it is a man's happiness to go along with or his misery to go counter to,—to learn, in short, the will of God,—the moment, I say, culture is considered not merely as the endeavor to *see* and *learn* this, but as the endeavor, also, to make it *prevail,* the moral, social, and beneficent character of culture becomes manifest. The mere endeavor to see and learn the truth for our own personal satisfaction is indeed a commencement for making it prevail, a preparing the way for this, which always serves this, and is wrongly, therefore, stamped with blame absolutely in itself and not only in its caricature and degeneration. But perhaps it has got stamped with blame, and disparaged with the dubious title of curiosity, because in comparison with this wider endeavor of such great and plain utility it looks selfish, petty, and unprofitable.

And religion, the greatest and most important of the efforts by which the human race has manifested its impulse to perfect itself,—religion, that voice of the deepest human experience,—does not only enjoin and sanction the aim which is the great aim of culture, the aim of setting ourselves to ascertain what perfection is and to make it prevail; but also, in determining generally in what human perfection consists, religion comes to a conclusion identical

with that which culture,—culture seeking the determination of this question through *all* the voices of human experience which have been heard upon it, of art, science, poetry, philosophy, history, as well as of religion, in order to give a greater fullness and certainty to its solution,—likewise reaches. Religion says: *The kingdom of God is within you;*[1] and culture, in like manner, places human perfection in an *internal* condition, in the growth and predominance of our humanity proper, as distinguished from our animality. It places it in the ever-increasing efficacy and in the general harmonious expansion of those gifts of thought and feeling, which make the peculiar dignity, wealth, and happiness of human nature. As I have said on a former occasion: "It is in making endless additions to itself, in the endless expansion of its powers, in endless growth in wisdom and beauty, that the spirit of the human race finds its ideal. To reach this ideal, culture is an indispensable aid, and that is the true value of culture."[2] Not a having and a resting, but a growing and a becoming, is the character of perfection as culture conceives it; and here, too, it coincides with religion.

And because men are all members of one great whole, and the sympathy which is in human nature will not allow one member to be indifferent to the rest or to have a perfect welfare independent of the rest, the expansion of our humanity, to suit the idea of perfection which culture forms, must be a *general* expansion. Perfection, as culture conceives it, is not possible while the individual remains isolated. The individual is required, under pain of being stunted and enfeebled in his own development if he disobeys, to carry others along with him in his march towards

[1] Luke xvii, 21.

[2] Arnold said this first in *A French Eton*, 1864, towards the end of the essay.

perfection, to be continually doing all he can to enlarge and increase the volume of the human stream sweeping thitherward. And here, once more, culture lays on us the same obligation as religion, which says, as Bishop Wilson has admirably put it, that "to promote the kingdom of God is to increase and hasten one's own happiness."

But, finally, perfection,—as culture from a thorough disinterested study of human nature and human experience learns to conceive it,—is a harmonious expansion of *all* the powers which make the beauty and worth of human nature, and is not consistent with the over-development of any one power at the expense of the rest. Here culture goes beyond religion, as religion is generally conceived by us.[1]

If culture, then, is a study of perfection, and of harmonious perfection, general perfection, and perfection which consists in becoming something rather than in having something, in an inward condition of the mind and spirit, not in an outward set of circumstances,—it is clear that culture, instead of being the frivolous and useless thing which Mr. Bright, and Mr. Frederic Harrison, and many other Liberals are apt to call it, has a very important function to fulfill for mankind. And this function is particularly important in our modern world, of which the whole civilization is, to a much greater degree than the civilization of Greece and Rome, mechanical and external, and tends constantly to become more so. But above all in our own country has culture a weighty part to perform, because here that mechanical character, which civilization tends to take everywhere, is shown in the most eminent degree. Indeed nearly all the characters of perfection, as culture teaches us to fix them,

[1] The student should compare with this whole passage Newman's different idea of the relation of culture to religion or, as he puts it, the "religion of taste" and the "religion of faith," as expressed in the Discourse on "Knowledge and Religious Duty."

meet in this country with some powerful tendency which thwarts them and sets them at defiance. The idea of perfection as an *inward* condition of the mind and spirit is at variance with the mechanical and material civilization in esteem with us, and nowhere, as I have said, so much in esteem as with us. The idea of perfection as a *general* expansion of the human family is at variance with our strong individualism, our hatred of all limits to the unrestrained swing of the individual's personality, our maxim of "every man for himself." Above all, the idea of perfection as a *harmonious* expansion of human nature is at variance with our want of flexibility, with our inaptitude for seeing more than one side of a thing, with our intense energetic absorption in the particular pursuit we happen to be following. So culture has a rough task to achieve in this country. Its preachers have, and are likely long to have, a hard time of it, and they will much oftener be regarded, for a great while to come, as elegant or spurious Jeremiahs than as friends and benefactors. That, however, will not prevent their doing in the end good service if they persevere. And, meanwhile, the mode of action they have to pursue, and the sort of habits they must fight against, ought to be made quite clear for everyone to see, who may be willing to look at the matter attentively and dispassionately.

Faith in machinery is, I said, our besetting danger; often in machinery most absurdly disproportioned to the end which this machinery, if it is to do any good at all, is to serve; but always in machinery, as if it had a value in and for itself. What is freedom but machinery? what is population but machinery? what is coal but machinery? what are railroads but machinery? what is wealth but machinery? what are, even, religious organizations but machinery? Now almost every voice in England is accustomed to speak

of these things as if they were precious ends in themselves, and therefore had some of the characters of perfection indisputably joined to them. I have before now noticed Mr. Roebuck's stock argument for proving the greatness and happiness of England as she is, and for quite stopping the mouths of all gainsayers.[1] Mr. Roebuck is never weary of reiterating this argument of his, so I do not know why I should be weary of noticing it. "May not every man in England say what he likes?"—Mr. Roebuck perpetually asks; and that, he thinks, is quite sufficient, and when every man may say what he likes, our aspirations ought to be satisfied. But the aspirations of culture, which is the study of perfection, are not satisfied, unless what men say, when they may say what they like, is worth saying,—has good in it, and more good than bad. In the same way the *Times*, replying to some foreign strictures on the dress, looks, and behavior of the English abroad, urges that the English ideal is that everyone should be free to do and to look just as he likes. But culture indefatigably tries, not to make what each raw person may like the rule by which he fashions himself; but to draw ever nearer to a sense of what is indeed beautiful, graceful, and becoming, and to get the raw person to like that.[2]

[1] In the "Function of Criticism," published three years before. The passage (omitted in the reprint of the essay below) is as follows: "Mr. Roebuck says to the Sheffield cutlers:—'I look around me and ask what is the state of England? Is not property safe? Is not every man able to say what he likes? Can you not walk from one end of England to the other in perfect security? I ask you whether, the world over or in past history, there is anything like it? Nothing. I pray that our unrivaled happiness may last.'"

John Arthur Roebuck (1801-79) was a politician of radical views but independent of party ties, famous for the vehemence with which he expressed his personal opinions.

[2] Compare with this Carlyle's remarks on liberty in his chapter on "Democracy," *Past and Present*, Bk. III, ch. xiii.

And in the same way with respect to railroads and coal. Everyone must have observed the strange language current during the late discussions as to the possible failures of our supplies of coal. Our coal, thousands of people were saying, is the real basis of our national greatness; if our coal runs short, there is an end of the greatness of England. But what *is* greatness?—culture makes us ask. Greatness is a spiritual condition worthy to excite love, interest, and admiration; and the outward proof of possessing greatness is that we excite love, interest, and admiration. If England were swallowed up by the sea to-morrow, which of the two, a hundred years hence, would most excite the love, interest, and admiration of mankind,—would most, therefore, show the evidences of having possessed greatness,—the England of the last twenty years, or the England of Elizabeth, of a time of splendid spiritual effort, but when our coal, and our industrial operations depending on coal, were very little developed? Well, then, what an unsound habit of mind it must be which makes us talk of things like coal or iron as constituting the greatness of England, and how salutary a friend is culture, bent on seeing things as they are, and thus dissipating delusions of this kind and fixing standards of perfection that are real!

Wealth, again, that end to which our prodigious works for material advantage are directed,—the commonest of commonplaces tells us how men are always apt to regard wealth as a precious end in itself; and certainly they have never been so apt thus to regard it as they are in England at the present time. Never did people believe anything more firmly than nine Englishmen out of ten at the present day believe that our greatness and welfare are proved by our being so very rich. Now, the use of culture is that it helps us, by means of its spiritual standard of perfection, to regard wealth as but machinery, and not only to say as a

matter of words that we regard wealth as but machinery, but really to perceive and feel that it is so. If it were not for this purging effect wrought upon our minds by culture, the whole world, the future as well as the present, would inevitably belong to the Philistines.[1] The people who believe most that our greatness and welfare are proved by our being very rich, and who most give their lives and thoughts to becoming rich, are just the very people whom we call Philistines. Culture says: "Consider these people, then, their way of life, their habits, their manners, the very tones of their voice; look at them attentively; observe the literature they read, the things which give them pleasure, the words which come forth out of their mouths, the thoughts which make the furniture of their minds; would any amount of wealth be worth having with the condition that one was to become just like these people by having it?" And thus culture begets a dissatisfaction which is of the highest possible value in stemming the common tide of men's thoughts in a wealthy and industrial community, and which saves the future, as one may hope, from being vulgarized, even if it cannot save the present.

Population, again, and bodily health and vigor, are things which are nowhere treated in such an unintelligent, misleading, exaggerated way as in England. Both are really machinery; yet how many people all around us do we see rest in them and fail to look beyond them! Why, one has heard people, fresh from reading certain articles of the *Times* on the Registrar-General's returns of marriages and births in this country, who would talk of our large English families in quite a solemn strain, as if they had something in itself beautiful, elevating, and meritorious in them; as if the British Philistine would have only to present him-

[1] See Essay VIII in this volume, a synopsis of the third chapter of *Culture and Anarchy.*

self before the Great Judge with his twelve children, in order to be received among the sheep as a matter of right!

But bodily health and vigor, it may be said, are not to be classed with wealth and population as mere machinery; they have a more real and essential value. True; but only as they are more intimately connected with a perfect spiritual condition than wealth or population are. The moment we disjoin them from the idea of a perfect spiritual condition, and pursue them, as we do pursue them, for their own sake and as ends in themselves, our worship of them becomes as mere worship of machinery, as our worship of wealth or population, and as unintelligent and vulgarizing a worship as that is. Every one with anything like an adequate idea of human perfection has distinctly marked this subordination to higher and spiritual ends of the cultivation of bodily vigor and activity. "Bodily exercise profiteth little; but godliness is profitable unto all things," says the author of the Epistle to Timothy.[1] And the utilitarian Franklin says just as explicitly:—"Eat and drink such an exact quantity as suits the constitution of thy body, *in reference to the services of the mind.*"[2] But the point of view of culture, keeping the mark of human perfection simply and broadly in view, and not assigning to this perfection, as religion or utilitarianism assigns to it, a special and limited character, this point of view, I say, of culture is best given by these words of Epictetus:—"It is a sign of ἀφυΐα, says he,—that is, of a nature not finely tempered,—"to give yourselves up to things which relate to the body; to make, for instance, a great fuss about exercise, a great fuss about eating, a great fuss about drinking, a great fuss about walking, a great fuss about riding. All these things ought to be done merely by the way: the for-

[1] 1 Tim. iv, 8.

[2] From *Poor Richard's Almanac*, for 1742, slightly altered.

mation of the spirit and character must be our real concern."[1] This is admirable; and, indeed, the Greek word *εὐφυΐα*, a finely tempered nature, gives exactly the notion of perfection as culture brings us to conceive it: a harmonious perfection, a perfection in which the characters of beauty and intelligence are both present, which unites "the two noblest of things,"—as Swift, who of one of the two, at any rate, had himself all too little, most happily calls them in his *Battle of the Books*,—"the two noblest of things, *sweetness and light*." The *εὐφυὴς* is the man who tends towards sweetness and light; the *ἀφυὴς*, on the other hand, is our Philistine. The immense spiritual significance of the Greeks is due to their having been inspired with this central and happy idea of the essential character of human perfection; and Mr. Bright's misconception of culture, as a smattering of Greek and Latin, comes itself, after all, from this wonderful significance of the Greeks having affected the very machinery of our education, and is in itself a kind of homage to it.

In thus making sweetness and light to be characters of perfection, culture is of like spirit with poetry, follows one law with poetry. Far more than on our freedom, our population, and our industrialism, many amongst us rely upon our religious organizations to save us. I have called religion a yet more important manifestation of human nature than poetry, because it has worked on a broader scale for perfection, and with greater masses of men. But the idea of beauty and of a human nature perfect on all its sides, which is the dominant idea of poetry, is a true and invaluable idea, though it has not yet had the success that the idea of conquering the obvious faults of our animality, and of a human nature perfect on the moral side,—which is the dominant idea of religion,—has been enabled to have; and

[1] Epictetus, *The Encheiridion, or Manual*, xli.

it is destined, adding to itself the religious idea of a devout energy, to transform and govern the other.

The best art and poetry of the Greeks, in which religion and poetry are one, in which the idea of beauty and of a human nature perfect on all sides adds to itself a religious and devout energy, and works in the strength of that, is on this account of such surpassing interest and instructiveness for us, though it was,—as, having regard to the human race in general, and, indeed, having regard to the Greeks themselves, we must own,—a premature attempt, an attempt which for success needed the moral and religious fiber in humanity to be more braced and developed than it had yet been. But Greece did not err in having the idea of beauty, harmony, and complete human perfection, so present and paramount. It is impossible to have this idea too present and paramount; only, the moral fiber must be braced too. And we, because we have braced the moral fiber, are not on that account in the right way, if at the same time the idea of beauty, harmony, and complete human perfection, is wanting or misapprehended amongst us; and evidently it *is* wanting or misapprehended at present. And when we rely as we do on our religious organizations, which in themselves do not and cannot give us this idea, and think we have done enough if we make them spread and prevail, then, I say, we fall into our common fault of overvaluing machinery.

Nothing is more common than for people to confound the inward peace and satisfaction which follows the subduing of the obvious faults of our animality with what I may call absolute inward peace and satisfaction,—the peace and satisfaction which are reached as we draw near to complete spiritual perfection, and not merely to moral perfection, or rather to relative moral perfection. No people in the world have done more and struggled more to attain

this relative moral perfection than our English race has. For no people in the world has the command to *resist the devil,* to *overcome the wicked one,* in the nearest and most obvious sense of those words, had such a pressing force and reality. And we have had our reward, not only in the great worldly prosperity which our obedience to this command has brought us, but also, and far more, in great inward peace and satisfaction. But to me few things are more pathetic than to see people, on the strength of the inward peace and satisfaction which their rudimentary efforts towards perfection have brought them, employ, concerning their incomplete perfection and the religious organizations within which they have found it, language which properly applies only to complete perfection, and is a far-off echo of the human soul's prophecy of it. Religion itself, I need hardly say, supplies them in abundance with this grand language. And very freely do they use it; yet it is really the severest possible criticism of such an incomplete perfection as alone we have yet reached through our religious organizations.

The impulse of the English race towards moral development and self-conquest has nowhere so powerfully manifested itself as in Puritanism. Nowhere has Puritanism found so adequate an expression as in the religious organization of the Independents.[1] The modern Independents have a newspaper, the *Nonconformist,* written with great sincerity and ability. The motto, the standard, the profession of faith which this organ of theirs carries aloft, is: "The Dissidence of Dissent and the Protestantism of the Protestant religion."[2] There is sweetness and light, and an ideal of complete harmonious human perfection!

[1] Now known as the Congregationalists.

[2] From Burke: "On Conciliation with America," *Works* (Boston, 1881), II, 123.

One need not go to culture and poetry to find language to judge it. Religion, with its instinct for perfection, supplies language to judge it, language, too, which is in our mouths every day. "Finally, be of one mind, united in feeling," says St. Peter.[1] There is an ideal which judges the Puritan ideal: "The Dissidence of Dissent and the Protestantism of the Protestant religion!" And religious organizations like this are what people believe in, rest in, would give their lives for! Such, I say, is the wonderful virtue of even the beginnings of perfection, of having conquered even the plain faults of our animality, that the religious organization which has helped us to do it can seem to us something precious, salutary, and to be propagated, even when it wears such a brand of imperfection on its forehead as this. And men have got such a habit of giving to the language of religion a special application, of making it a mere jargon, that for the condemnation which religion itself passes on the shortcomings of their religious organizations they have no ear; they are sure to cheat themselves and to explain this condemnation away. They can only be reached by the criticism which culture, like poetry, speaking a language not to be sophisticated, and resolutely testing these organizations by the ideal of a human perfection complete on all sides, applies to them.

But men of culture and poetry, it will be said, are again and again failing, and failing conspicuously, in the necessary first stage to a harmonious perfection, in the subduing of the great obvious faults of our animality, which it is the glory of these religious organizations to have helped us to subdue. True, they do often so fail. They have often been without the virtues as well as the faults of the Puritan; it has been one of their dangers that they so felt the

[1] 1 Peter iii, 8: "Finally be ye all of one mind, having compassion one of another."

Puritan's faults that they too much neglected the practice of his virtues. I will not, however, exculpate them at the Puritan's expense. They have often failed in morality, and morality is indispensable. And they have been punished for their failure, as the Puritan has been rewarded for his performance. They have been punished wherein they erred; but their ideal of beauty, of sweetness and light, and a human nature complete on all its sides, remains the true ideal of perfection still; just as the Puritan's ideal of perfection remains narrow and inadequate, although for what he did well he has been richly rewarded. Notwithstanding the mighty results of the Pilgrim Fathers' voyage, they and their standard of perfection are rightly judged when we figure to ourselves Shakespeare or Virgil,—souls in whom sweetness and light, and all that in human nature is most humane, were eminent,—accompanying them on their voyage, and think what intolerable company Shakespeare and Virgil would have found them! In the same way let us judge the religious organizations which we see all around us. Do not let us deny the good and the happiness which they have accomplished; but do not let us fail to see clearly that their idea of human perfection is narrow and inadequate, and that the Dissidence of Dissent and the Protestantism of the Protestant religion will never bring humanity to its true goal. As I said with regard to wealth: Let us look at the life of those who live in and for it,—so I say with regard to the religious organizations. Look at the life imaged in such a newspaper as the *Nonconformist*,—a life of jealousy of the Establishment, disputes, tea-meetings, openings of chapels, sermons; and then think of it as an ideal of a human life completing itself on all sides, and aspiring with all its organs after sweetness, light, and perfection!

Another newspaper, representing, like the *Nonconformist*,

one of the religious organizations of this country, was a short time ago giving an account of the crowd at Epsom on the Derby day, and of all the vice and hideousness which was to be seen in that crowd; and then the writer turned suddenly round upon Professor Huxley, and asked him how he proposed to cure all this vice and hideousness without religion. I confess I felt disposed to ask the asker this question: and how do you propose to cure it with such a religion as yours? How is the ideal of a life so unlovely, so unattractive, so incomplete, so narrow, so far removed from a true and satisfying ideal of human perfection, as is the life of your religious organization as you yourself reflect it, to conquer and transform all this vice and hideousness? Indeed, the strongest plea for the study of perfection as pursued by culture, the clearest proof of the actual inadequacy of the idea of perfection held by the religious organizations,—expressing, as I have said, the most widespread effort which the human race has yet made after perfection,—is to be found in the state of our life and society with these in possession of it, and having been in possession of it I know not how many hundred years. We are all of us included in some religious organization or other; we all call ourselves, in the sublime and aspiring language of religion which I have before noticed, *children of God*. Children of God;—it is an immense pretension!—and how are we to justify it? By the works which we do, and the words which we speak. And the work which we collective children of God do, our grand center of life, our *city* which we have builded for us to dwell in, is London! London, with its unutterable external hideousness, and with its internal canker of *publicè egestas, privatim opulentia*,[1]—to use the words which Sallust puts into Cato's mouth

[1] Penury in public matters, opulence in private.—Sallust's *Catiline*, LII, 22.

about Rome,—unequaled in the world! The word, again, which we children of God speak, the voice which most hits our collective thought, the newspaper with the largest circulation in England, nay, with the largest circulation in the whole world, is the *Daily Telegraph!* I say that when our religious organizations,—which I admit to express the most considerable effort after perfection that our race has yet made,—land us in no better result than this, it is high time to examine carefully their idea of perfection, to see whether it does not leave out of account sides and forces of human nature which we might turn to great use; whether it would not be more operative if it were more complete. And I say that the English reliance on our religious organizations and on their ideas of human perfection just as they stand, is like our reliance on freedom, on muscular Christianity, on population, on coal, on wealth,—mere belief in machinery, and unfruitful; and that it is wholesomely counteracted by culture, bent on seeing things as they are, and on drawing the human race onwards to a more complete, a harmonious perfection.

Culture, however, shows its single-minded love of perfection, its desire simply to make reason and the will of God prevail, its freedom from fanaticism, by its attitude towards all this machinery, even while it insists that it *is* machinery. Fanatics, seeing the mischief men do themselves by their blind belief in some machinery or other,—whether it is wealth and industrialism, or whether it is the cultivation of bodily strength and activity, or whether it is a political organization,—or whether it is a religious organization,—oppose with might and main the tendency to this or that political and religious organization, or to games and athletic exercises, or to wealth and industrialism, and try violently to stop it. But the flexibility which sweetness and light give, and which is one of the rewards of culture

pursued in good faith, enables a man to see that a tendency may be necessary, and even, as a preparation for something in the future, salutary, and yet that the generations or individuals who obey this tendency are sacrificed to it, that they fall short of the hope of perfection by following it; and that its mischiefs are to be criticised, lest it should take too firm a hold and last after it has served its purpose.

Mr. Gladstone well pointed out, in a speech at Paris,—and others have pointed out the same thing,—how necessary is the present great movement towards wealth and industrialism, in order to lay broad foundations of material well-being for the society of the future. The worst of these justifications is, that they are generally addressed to the very people engaged, body and soul, in the movement in question; at all events, that they are always seized with the greatest avidity by these people, and taken by them as quite justifying their life; and that thus they tend to harden them in their sins. Now, culture admits the necessity of the movement towards fortune-making and exaggerated industrialism, readily allows that the future may derive benefit from it; but insists, at the same time, that the passing generations of industrialists,—forming, for the most part, the stout main body of Philistinism,—are sacrificed to it. In the same way, the result of all the games and sports which occupy the passing generation of boys and young men may be the establishment of a better and sounder physical type for the future to work with. Culture does not set itself against the games and sports; it congratulates the future, and hopes it will make a good use of its improved physical basis; but it points out that our passing generation of boys and young men is, meantime, sacrificed. Puritanism was perhaps necessary to develop the moral fiber of the English race, Nonconformity to break the yoke

of ecclesiastical domination over men's minds and to prepare the way for freedom of thought in the distant future; still, culture points out that the harmonious perfection of generations of Puritans and Nonconformists has been, in consequence, sacrificed. Freedom of speech may be necessary for the society of the future, but the young lions of the *Daily Telegraph* [1] in the meanwhile are sacrificed. A voice for every man in his country's government may be necessary for the society of the future, but meanwhile Mr. Beales and Mr. Bradlaugh [2] are sacrificed.

Oxford, the Oxford of the past, has many faults; and she has heavily paid for them in defeat, in isolation, in want of hold upon the modern world. Yet we in Oxford, brought up amidst the beauty and sweetness of that beautiful place, have not failed to seize one truth,—the truth that beauty and sweetness are essential characters of a complete human perfection. When I insist on this, I am all in the faith and tradition of Oxford. I say boldly that this our sentiment for beauty and sweetness, our sentiment against hideousness and rawness, has been at the bottom of our attachment to so many beaten causes, of our opposition to so many triumphant movements. And the sentiment is true, and has never been wholly defeated, and has shown its power even in its defeat. We have not won our political battles, we have not carried our main points, we have not stopped our adversaries' advance, we have not marched victoriously with the modern world; but we have

[1] Cp. Leo Adolescens in Arnold's *Friendship's Garland.*

[2] Edmond Beales (1803-81), political agitator, President of the Reform League and one of the leaders of the great public demonstrations in favor of the extension of the franchise which were held in London in the summer of 1866, the year before *Culture and Anarchy* was published in the *Cornhill Magazine.*

Charles Bradlaugh (1833-91), an advocate of free thought and of radical principles in politics, associated with Beales in the above-mentioned demonstrations of 1866.

told silently upon the mind of the country, we have prepared currents of feeling which sap our adversaries' position when it seems gained, we have kept up our own communications with the future. Look at the course of the great movement which shook Oxford to its center some thirty years ago![1] It was directed, as anyone who reads Dr. Newman's *Apology* may see, against what in one word may be called "Liberalism." Liberalism prevailed; it was the appointed force to do the work of the hour; it was necessary, it was inevitable that it should prevail. The Oxford movement was broken, it failed; our wrecks are scattered on every shore:—

Quæ regio in terris nostri non plena laboris?[2]

But what was it, this liberalism, as Dr. Newman saw it, and as it really broke the Oxford movement? It was the great middle-class liberalism, which had for the cardinal points of its belief the Reform Bill of 1832,[3] and local self-government, in politics; in the social sphere, free-trade, unrestricted competition, and the making of large industrial fortunes; in the religious sphere, the Dissidence of Dissent and the Protestantism of the Protestant religion. I do not say that other and more intelligent forces than this were

[1] The Oxford movement was the effort of Newman and other men at Oxford, beginning in 1833, to codify the theology of the Anglican church in opposition to the anti-dogmatic tendencies of the times, which Newman terms Liberalism. Newman's theological studies in this connection forced him finally to go over to the Roman Catholic Church. See *College English*, ch. i, and Newman's *Apologia*, note A, "Liberalism."

[2] *Æneid*, I, 460: "What region of earth is not filled with the tale of our woes?"

[3] The first of several so-called Reform Bills extending further and further the franchise in England. The Bill of 1832, among other provisions, disfranchised fifty-six "rotten boroughs," and took one member each from thirty more, giving the seats so vacated to the counties and to about forty of the larger towns.

not opposed to the Oxford movement: but this was the force which really beat it; this was the force which Dr. Newman felt himself fighting with; this was the force which till only the other day seemed to be the paramount force in this country, and to be in possession of the future; this was the force whose achievements fill Mr. Lowe [1] with such inexpressible admiration, and whose rule he was so horror-struck to see threatened. And where is this great force of Philistinism now? It is thrust into the second rank, it is become a power of yesterday, it has lost the future. A new power has suddenly appeared, a power which it is impossible yet to judge fully, but which is certainly a wholly different force from middle-class liberalism; different in its cardinal points of belief, different in its tendencies in every sphere. It loves and admires neither the legislation of middle-class Parliaments, nor the local self-government of middle-class vestries, nor the unrestricted competition of middle-class industrialists, nor the dissidence of middle-class Dissent and the Protestantism of middle-class Protestant religion. I am not now praising this new force, or saying that its own ideals are better; all I say is, that they are wholly different. And who will estimate how much the currents of feeling created by Dr. Newman's movements, the keen desire for beauty and sweetness which it nourished, the deep aversion it manifested to the hardness and vulgarity of middle-class liberalism, the strong light it turned on the hideous and grotesque illusions of middle-class Protestantism,—who will estimate how much all these contributed to swell the tide of secret dissatisfaction which has mined the ground under self-confident liberalism of the last thirty years, and has prepared the way for its sudden collapse and supersession? It is in this manner that the

[1] Robert Lowe (1811-92), in 1880 created Viscount Sherbrooke, published two pamphlets against Newman's Tract 90.

sentiment of Oxford for beauty and sweetness conquers, and in this manner long may it continue to conquer!

In this manner it works to the same end as culture, and there is plenty of work for it yet to do. I have said that the new and more democratic force which is now superseding our old middle-class liberalism cannot yet be rightly judged. It has its main tendencies still to form. We hear promises of its giving us administrative reform, law reform, reform of education, and I know not what; but those promises come rather from its advocates, wishing to make a good plea for it and to justify it for superseding middle-class liberalism, than from clear tendencies which it has itself yet developed. But meanwhile it has plenty of well-intentioned friends against whom culture may with advantage continue to uphold steadily its ideal of human perfection; that this is *an inward spiritual activity, having for its characters increased sweetness, increased light, increased life, increased sympathy.* Mr. Bright, who has a foot in both worlds, the world of middle-class liberalism and the world of democracy, but who brings most of his ideas from the world of middle-class liberalism in which he was bred, always inclines to inculcate that faith in machinery to which, as we have seen, Englishmen are so prone, and which has been the bane of middle-class liberalism. He complains with a sorrowful indignation of people who "appear to have no proper estimate of the value of the franchise"; he leads his disciples to believe,—what the Englishman is always too ready to believe,—that the having a vote, like the having a large family, or a large business, or large muscles, has in itself some edifying and perfecting effect upon human nature. Or else he cries out to the democracy,—"the men," as he calls them, "upon whose shoulders the greatness of England rests,"—he cries out to them: "See what you have

done! I look over this country and see the cities you have built, the railroads you have made, the manufactures you have produced, the cargoes which freight the ships of the greatest mercantile navy the world has ever seen! I see that you have converted by your labors what was once a wilderness, these islands, into a fruitful garden; I know that you have created this wealth, and are a nation whose name is a word of power throughout all the world." Why, this is just the very style of laudation with which Mr. Roebuck or Mr. Lowe debauches the minds of the middle classes, and makes such Philistines of them. It is the same fashion of teaching a man to value himself not on what he *is*, not on his progress in sweetness and light, but on the number of the railroads he has constructed, or the bigness of the tabernacle he has built. Only the middle classes are told they have done it all with their energy, self-reliance, and capital, and the democracy are told they have done it all with their hands and sinews. But teaching the democracy to put its trust in achievements of this kind is merely training them to be Philistines to take the place of the Philistines whom they are superseding; and they too, like the middle class, will be encouraged to sit down at the banquet of the future without having on a wedding garment, and nothing excellent can then come from them. Those who know their besetting faults, those who have watched them and listened to them, or those who will read the instructive account recently given of them by one of themselves, the *Journeyman Engineer*, will agree that the idea which culture sets before us of perfection,—an increased spiritual activity, having for its characters increased sweetness, increased light, increased life, increased sympathy,—is an idea which the new democracy needs far more than the idea of the blessedness of the franchise, or the wonderfulness of its own industrial performances.

Other well-meaning friends of this new power are for leading it, not in the old ruts of middle-class Philistinism, but in ways which are naturally alluring to the feet of democracy, though in this country they are novel and untried ways. I may call them the ways of Jacobinism.[1] Violent indignation with the past, abstract systems of renovation applied wholesale, a new doctrine drawn up in black and white for elaborating down to the very smallest details a rational society for the future,—these are the ways of Jacobinism. Mr. Frederic Harrison and other disciples of Comte,[2]—one of them, Mr. Congreve, is an old friend of mine, and I am glad to have an opportunity of publicly expressing my respect for his talents and character,—are among the friends of democracy who are for

[1] Extreme radicalism, so called from the "Society of Friends of the Constitution" which advocated some of the most violent measures of the French Revolution. The members of the society received the name from the old monastery of the Jacobins in Paris, in which they met.

[2] Auguste Comte (1798-1857) was the originator of the so-called Positivist philosophy, a system which views mankind as tending to pass through theological and metaphysical stages of thought to a final *positive* stage where reality is recognized as existing only in positive scientific facts and in laws which are summaries of such facts. The methods of natural science give us, Comte thought, not merely the truth about the nature of the world of matter, but also about man as a moral and thinking being, and about society. Only by these methods can man put himself in harmony with the world, with society, and with himself. This harmony Comte conceived to be the basis for a mystical "Religion of Humanity" which he thought destined to take the place of the worship of a supernatural being.

Richard Congreve (1818-99) was educated at Rugby under Arnold's father, became later a Fellow of Wadham College, Oxford, and in 1855 founded a Positivist community in London.

Frederic Harrison (born 1831), lawyer, philosopher, and literary critic, was also at Wadham in the fifties, when the college was a center of Positivist thought, and has throughout his life been prominent in the Positivist movement.

leading it in paths of this kind. Mr. Frederic Harrison is very hostile to culture, and from a natural enough motive; for culture is the eternal opponent of the two things which are the signal marks of Jacobinism,—its fierceness, and its addiction to an abstract system. Culture is always assigning to system-makers and systems a smaller share in the bent of human destiny than their friends like. A current in people's minds sets towards new ideas; people are dissatisfied with their old narrow stock of Philistine ideas, Anglo-Saxon ideas, or any other; and some man, some Bentham or Comte, who has the real merit of having early and strongly felt and helped the new current, but who brings plenty of narrowness and mistakes of his own into his feeling and help of it, is credited with being the author of the whole current, the fit person to be entrusted with its regulation and to guide the human race.

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Culture tends always thus to deal with the men of a system, of disciples, of a school; with men like Comte, or the late Mr. Buckle, or Mr. Mill.[1] However much it may find to admire in these personages, or in some of them, it nevertheless remembers the text: "Be not ye called Rabbi!"[2] and it soon passes on from any Rabbi. But Jacobinism loves a Rabbi; it does not want to pass on from its Rabbi in pursuit of a future and still unreached perfection; it wants its Rabbi and his ideas to stand for perfection, that they may with the more authority recast the world; and for Jacobinism, therefore, culture,—eternally passing onwards and seeking,—is an impertinence and an

[1] Comte was the founder of the Positivist school (see p. 150, note 2, above); Henry Thomas Buckle (1821-62), author of the *History of Civilization in England*, tried to apply scientific methods to the study of history; John Stuart Mill (1806-73) was one of the great exponents of Utilitarianism (see *College English*, ch. iv).

[2] Matt. xxiii, 8.

offense. But culture, just because it resists this tendency of Jacobinism to impose on us a man with limitations and errors of his own along with the true ideas of which he is the organ, really does the world and Jacobinism itself a service.

So, too, Jacobinism, in its fierce hatred of the past and of those whom it makes liable for the sins of the past, cannot away with the inexhaustible indulgence proper to culture, the consideration of circumstances, the severe judgment of actions joined to the merciful judgment of persons. "The man of culture is in politics," cries Mr. Frederic Harrison, "one of the poorest mortals alive!"[1] Mr. Frederic Harrison wants to be doing business, and he complains that the man of culture stops him with a "turn for small fault-finding, love of selfish ease, and indecision in action." Of what use is culture, he asks, except for "a critic of new books or a professor of *belles-lettres?*" Why, it is of use because, in presence of the fierce exasperation which breathes, or rather, I may say, hisses through the whole production in which Mr. Frederic Harrison asks that question, it reminds us that the perfection of human nature is sweetness and light. It is of use because, like religion,—that other effort after perfection,—it testifies that, where bitter envying and strife are, there is confusion and every evil work.

The pursuit of perfection, then, is the pursuit of sweetness and light. He who works for sweetness and light, works to make reason and the will of God prevail. He who works for machinery, he who works for hatred, works only for confusion. Culture looks beyond machinery, culture hates hatred; culture has one great passion, the passion for sweetness and light. It has one even yet greater!—the passion for making them *prevail.* It is not satisfied

[1] Cp. pp. 121-2, above, and note, p. 150.

till we *all* come to a perfect man; it knows that the sweetness and light of the few must be imperfect until the raw and unkindled masses of humanity are touched with sweetness and light. If I have not shrunk from saying that we must work for sweetness and light, so neither have I shrunk from saying that we must have a broad basis, must have sweetness and light for as many as possible. Again and again I have insisted how those are the happy moments of humanity, how those are the marking epochs of a people's life, how those are the flowering times for literature and art and all the creative power of genius, when there is a *national* glow of life and thought, when the whole of society is in the fullest measure permeated by thought, sensible to beauty, intelligent and alive. Only it must be *real* thought and *real* beauty; *real* sweetness and *real* light. Plenty of people will try to give the masses, as they call them, an intellectual food prepared and adapted in the way they think proper for the actual condition of the masses. The ordinary popular literature is an example of this way of working on the masses. Plenty of people will try to indoctrinate the masses with the set of ideas and judgments constituting the creed of their own profession or party. Our religious and political organizations give an example of this way of working on the masses. I condemn neither way; but culture works differently. It does not try to teach down to the level of inferior classes; it does not try to win them for this or that sect of its own, with ready-made judgments and watchwords. It seeks to do away with classes; to make the best that has been thought and known in the world current everywhere; to make all men live in an atmosphere of sweetness and light, where they may use ideas, as it uses them itself, freely,—nourished, and not bound by them.

This is the *social idea;* and the men of culture are the true

apostles of equality. The great men of culture are those who have had a passion for diffusing, for making prevail, for carrying from one end of society to the other, the best knowledge, the best ideas of their time; who have labored to divest knowledge of all that was harsh, uncouth, difficult, abstract, professional, exclusive; to humanize it, to make it efficient outside the clique of the cultivated and learned, yet still remaining the *best* knowledge and thought of the time, and a true source, therefore, of sweetness and light. Such a man was Abelard [1] in the Middle Ages, in spite of all his imperfections; and thence the boundless emotion and enthusiasm which Abelard excited. Such were Lessing and Herder [2] in Germany, at the end of the last century; and their services to Germany were in this way inestimably precious. Generations will pass, and literary monuments will accumulate, and works far more perfect than the works of Lessing and Herder will be produced in Germany; and yet the names of these two men will fill a German with a reverence and enthusiasm such as the names of the most gifted masters will hardly awaken. And why? Because they *humanized* knowledge; because they broadened the basis of life and intelligence; because they worked powerfully to diffuse sweetness and light, to make reason and the will of God prevail. With Saint Augustine they said: "Let us not leave thee alone to make in the secret of thy knowledge, as thou didst before the creation of the firmament, the

[1] Peter Abelard (1079-1142), a French monk and scholar whose works had great influence in fostering the spirit of free inquiry in theology.

[2] Gotthold Ephraim Lessing (1729-81) and Johann Gottfried von Herder (1744-1803) were pioneers of the great period of German literature. They fulfilled in a very real sense Arnold's idea of the true function of the critic in bringing to bear on the life and literature of their time a current of true and fresh ideas. Lessing sought to turn the attention of literary men to the classics, Herder to the characteristic aspects of German life.

division of light from darkness; let the children of thy spirit, placed in their firmament, make their light shine upon the earth, mark the division of night and day, and announce the revolution of the times; for the old order is passed, and the new arises; the night is spent, the day is come forth; and thou shalt crown the year with thy blessing, when thou shalt send forth laborers into thy harvest sown by other hands than theirs; when thou shalt send forth new laborers to new seed-times, whereof the harvest shall be not yet." [1]

[1] *Confessions of St. Augustine,* xiii, 18.

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QUESTIONS

1. What is Arnold's answer to the objection that his ideas do not tend to immediate practical reform?

2. In what sense does Arnold hold freedom to be "machinery"?

3. In what way does he believe that the ideas of the English aristocracy, middle class, and populace all tend toward anarchy?

4. What illustration does he find in the demonstrations of 1866 in favor of the extension of the franchise?

5. How, in Arnold's opinion, does culture supply a principle of authority to counteract this anarchy?

6. What does he mean by our *best self?*

7. Have the ideas of this essay any application to conditions in the United States at present?

VII

DOING AS ONE LIKES

(*Culture and Anarchy,* Chapter II)

I HAVE been trying to show that culture is, or ought to be, the study and pursuit of perfection; and that of perfection as pursued by culture, beauty and intelligence, or, in other words, sweetness and light, are the main characters. But hitherto I have been insisting chiefly on beauty, or sweetness, as a character of perfection. To complete rightly my design, it evidently remains to speak also of intelligence, or light, as a character of perfection.

First, however, I ought perhaps to notice that, both here and on the other side of the Atlantic, all sorts of objections are raised against the "religion of culture," as the objectors mockingly call it, which I am supposed to be promulgating. It is said to be a religion proposing parmaceti, or some scented salve or other, as a cure for human miseries; a religion breathing a spirit of cultivated inaction, making its believer refuse to lend a hand at uprooting the definite evils on all sides of us, and filling him with antipathy against the reforms and reformers which try to extirpate them. In general, it is summed up as being not practical, or,—as some critics familiarly put it,—all moonshine.

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It is said that a man with my theories of sweetness and light is full of antipathy against the rougher or coarser movements going on around him, that he will not lend a hand to

the humble operation of uprooting evil by their means, and that therefore the believers in action grow impatient with him. But what if rough and coarse action, ill-calculated action, action with insufficient light, is, and has for a long time been, our bane? What if our urgent want now is, not to act at any price, but rather to lay in a stock of light for our difficulties? In that case, to refuse to lend a hand to the rougher and coarser movements going on round us, to make the primary need, both for oneself and others, to consist in enlightening ourselves and qualifying ourselves to act less at random, is surely the best and in real truth the most practical line our endeavors can take. So that if I can show what my opponents call rough or coarse action, but what I would rather call random and ill-regulated action,—action with insufficient light, action pursued because we like to be doing something and doing it as we please, and do not like the trouble of thinking and the severe constraint of any kind of rule,—if I can show this to be, at the present moment, a practical mischief and dangerous to us, then I have found a practical use for light in correcting this state of things, and have only to exemplify how, in cases which fall under everybody's observation, it may deal with it.

When I began to speak of culture, I insisted on our bondage to machinery, on our proneness to value machinery as an end in itself, without looking beyond it to the end for which alone, in truth, it is valuable. Freedom, I said, was one of those things which we thus worshiped in itself, without enough regarding the ends for which freedom is to be desired. In our common notions and talk about freedom, we eminently show our idolatry of machinery. Our prevalent notion is,—and I quoted a number of instances to prove it,—that it is a most happy and important thing for a man merely to be able to do as he likes. On what he is to do when he is thus free to do as he likes, we do not lay so much stress.

Our familiar praise of the British Constitution under which we live, is that it is a system of checks,—a system which stops and paralyzes any power in interfering with the free action of individuals. To this effect Mr. Bright, who loves to walk in the old ways of the Constitution, said forcibly in one of his great speeches, what many other people are every day saying less forcibly, that the central idea of English life and politics is *the assertion of personal liberty*. Evidently this is so; but evidently, also, as feudalism, which with its ideas and habits of subordination was for many centuries silently behind the British Constitution, dies out, and we are left with nothing but our system of checks, and our notion of its being the great right and happiness of an Englishman to do as far as possible what he likes, we are in danger of drifting towards anarchy. We have not the notion, so familiar on the Continent and to antiquity, of *the State*,—the nation in its collective and corporate character, entrusted with stringent powers for the general advantage, and controlling individual wills in the name of an interest wider than that of individuals. We say, what is very true, that this notion is often made instrumental to tyranny; we say that a State is in reality made up of the individuals who compose it, and that every individual is the best judge of his own interests. Our leading class is an aristocracy, and no aristocracy likes the notion of a State-authority greater than itself, with a stringent administrative machinery superseding the decorative inutilities of lord-lieutenancy, deputy-lieutenancy, and the *posse comitatus*, which are all in its own hands. Our middle class, the great representative of trade and Dissent, with its maxims of every man for himself in business, every man for himself in religion, dreads a powerful administration which might somehow interfere with it; and besides, it has its own decorative inutilities of vestry-manship and guardianship, which are to this class what lord-

lieutenancy and the county magistracy are to the aristocratic class, and a stringent administration might either take these functions out of its hands, or prevent its exercising them in its own comfortable, independent manner, as at present.

Then as to our working class. This class, pressed constantly by the hard daily compulsion of material wants, is naturally the very center and stronghold of our national idea, that it is man's ideal right and felicity to do as he likes. I think I have somewhere related how M. Michelet[1] said to me of the people of France, that it was "a nation of barbarians civilized by the conscription." He meant that through their military service the idea of public duty and of discipline was brought to the mind of these masses, in other respects so raw and uncultivated. Our masses are quite as raw and uncultivated as the French; and so far from their having the idea of public duty and of discipline, superior to the individual's self-will, brought to their mind by a universal obligation of military service, such as that of the conscription,—so far from their having this, the very idea of a conscription is so at variance with our English notion of the prime right and blessedness of doing as one likes, that I remember the manager of the Clay Cross works in Derbyshire told me during the Crimean war,[2] when our want of soldiers was much felt and some people were talking of a conscription, that sooner than submit to a conscription the population of that district would flee to the mines, and lead a sort of Robin Hood life under ground.

[1] Jules Michelet (1798-1874), the great French historian. See De Quincey's comment on him in "Joan of Arc."

[2] Crimean War (1853-6) in which England allied with France and Sardinia assisted Turkey against Russia. The demand of Russia was for a protectorate over the Greek subjects of Turkey, which it was felt would have led to the destruction of Turkish power in Europe.

For a long time, as I have said, the strong feudal habits of subordination and deference continued to tell upon the working class. The modern spirit has now almost entirely dissolved those habits, and the anarchical tendency of our worship of freedom in and for itself, of our superstitious faith, as I say, in machinery, is becoming very manifest. More and more, because of this our blind faith in machinery, because of our want of light to enable us to look beyond machinery to the end for which machinery is valuable, this and that man, and this and that body of men, all over the country, are beginning to assert and put in practice an Englishman's right to do what he likes; his right to march where he likes, meet where he likes, enter where he likes, hoot as he likes, threaten as he likes, smash as he likes. All this, I say, tends to anarchy; and though a number of excellent people, and particularly my friends of the Liberal or progressive party, as they call themselves, are kind enough to reassure us by saying that these are trifles, that a few transient outbreaks of rowdyism signify nothing, that our system of liberty is one which itself cures all the evils which it works, that the educated and intelligent classes stand in overwhelming strength and majestic repose, ready, like our military force in riots, to act at a moment's notice,—yet one finds that one's Liberal friends generally say this because they have such faith in themselves and their nostrums, when they shall return, as the public welfare requires, to place and power. But this faith of theirs one cannot exactly share, when one has so long had them and their nostrums at work, and sees that they have not prevented our coming to our present embarrassed condition. And one finds, also, that the outbreaks of rowdyism tend to become less and less of trifles, to become more frequent rather than less frequent; and that meanwhile our educated and intelligent classes remain in their majestic repose, and somehow or other, whatever hap-

pens, their overwhelming strength, like our military force in riots, never does act.

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There are many things to be said on behalf of this exclusive attention of ours to liberty, and of the relaxed habits of government which it has engendered. It is very easy to mistake or to exaggerate the sort of anarchy from which we are in danger through them. We are not in danger from Fenianism,[1] fierce and turbulent as it may show itself; for against this our conscience is free enough to let us act resolutely and put forth our overwhelming strength the moment there is any real need for it. In the first place, it never was any part of our creed that the great right and blessedness of an Irishman, or, indeed, of anybody on earth except an Englishman, is to do as he likes; and we can have no scruple at all about abridging, if necessary, a non-Englishman's assertion of personal liberty. The British Constitution, its checks, and its prime virtues, are for Englishmen. We may extend them to others out of love and kindness; but we find no real divine law written on our hearts constraining us so to extend them. And then the difference between an Irish Fenian and an English rough is so immense, and the case, in dealing with the Fenian, so much more clear! He is so evidently desperate and dangerous, a man of a conquered race, a Papist, with centuries of ill-usage to inflame him against us, with an alien religion established in his country by us at his expense, with no admiration of our institutions, no love of our virtues, no talents for our business, no turn for our comfort! Show him our symbolical Truss Manufactory on the finest site in Europe, and tell him

[1] The Fenian Brotherhood was an association of Irishmen organized in New York in 1857 with the object of securing the independence of Ireland. They attempted armed revolt in Ireland in 1865-6, about the time that Arnold was working on this book, but were easily suppressed.

that British industrialism and individualism can bring a man to that, and he remains cold! Evidently, if we deal tenderly with a sentimentalist like this, it is out of pure philanthropy.

But with the Hyde Park rioter how different![1] He is our own flesh and blood; he is a Protestant; he is framed by nature to do as we do, hate what we hate, love what we love; he is capable of feeling the symbolical force of the Truss Manufactory; the question of questions, for him, is a wages question. That beautiful sentence Sir Daniel Gooch[2] quoted to the Swindon workmen, and which I treasure as Mrs. Gooch's Golden Rule, or the Divine Injunction "Be ye Perfect" done into British,—the sentence Sir Daniel Gooch's mother repeated to him every morning when he was a boy going to work:—"*Ever remember, my dear Dan, that you should look forward to being some day manager of that concern!*"—this truthful maxim is perfectly fitted to shine forth in the heart of the Hyde Park rough also, and to be his guiding-star through life. He has no visionary schemes of revolution and transformation, though of course he would like his class to rule, as the aristocratic class like their class to rule, and the middle class theirs. But meanwhile our social machine is a little out of order; there are a good many people in our paradisiacal centers of industrialism and individualism taking the bread out of one another's mouths. The rough has not yet quite found his groove and settled down to his work, and so he is just asserting his personal liberty a little, going where he likes, assembling where he likes, bawling as he likes, hustling as he likes. Just as the

[1] *Culture and Anarchy* is full of allusions, as here, to the great demonstrations in favor of the extension of the franchise which were held in Trafalgar Square and Hyde Park in the summer of 1866. See p. 145, note 2. Compare also p. 168.

[2] Sir Daniel Gooch (1816-89), the great railway and telegraphic engineer, who originated locomotives on the broad guage and had a prominent part in the laying of the first Atlantic cable.

rest of us,—as the country squires in the aristocratic class, as the political dissenters in the middle class,—he has no idea of a *State,* of the nation in its collective and corporate character controlling, as government, the free swing of this or that one of its members in the name of the higher reason of all of them, his own as well as that of others. He sees the rich, the aristocratic class, in occupation of the executive government, and so if he is stopped from making Hyde Park a bear-garden or the streets impassable, he says he is being butchered by the aristocracy.

His apparition is somewhat embarrassing, because too many cooks spoil the broth; because, while the aristocratic and middle classes have long been doing as they like with great vigor, he has been too undeveloped and submissive hitherto to join in the game; and now, when he does come, he comes in immense numbers, and is rather raw and rough. But he does not break many laws, or not many at one time; and, as our laws were made for very different circumstances from our present (but always with an eye to Englishmen doing as they like), and as the clear letter of the law must be against our Englishman who does as he likes and not only the spirit of the law and public policy, and as Government must neither have any discretionary power nor act resolutely on its own interpretation of the law if any one disputes it, it is evident our laws give our playful giant, in doing as he likes, considerable advantage. Besides, even if he can be clearly proved to commit an illegality in doing as he likes, there is always the resource of not putting the law in force, or of abolishing it. So he has his way, and if he has his way he is soon satisfied for the time. However, he falls into the habit of taking it oftener and oftener, and at last begins to create by his operations a confusion of which mischievous people can take advantage, and which, at any rate, by troubling the common course of business throughout the country,

tends to cause distress, and so to increase the sort of anarchy and social disintegration which had previously commenced. And thus that profound sense of settled order and security, without which a society like ours cannot live and grow at all, sometimes seems to be beginning to threaten us with taking its departure.

Now, if culture, which simply means trying to perfect oneself, and one's mind as part of oneself, brings us light, and if light shows us that there is nothing so very blessed in merely doing as one likes, that the worship of the mere freedom to do as one likes is worship of machinery, that the really blessed thing is to like what right reason ordains, and to follow her authority, then we have got a practical benefit out of culture. We have got a much wanted principle, a principle of authority, to counteract the tendency to anarchy which seems to be threatening us.

But how to organize this authority, or to what hands to entrust the wielding of it? How to get your *State,* summing up the right reason of the community, and giving effect to it, as circumstances may require, with vigor? And here I think I see my enemies waiting for me with a hungry joy in their eyes. But I shall elude them.

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In the section here omitted Arnold discusses the question of whether any class of Englishmen, Aristocrats, Middle Class, or Populace, has the qualifications—the necessary "sweetness and light"—which would make it a safe center of authority, fit to be trusted with the power which he believes the State ought to exert. He concludes that this source of authority, as defined by culture, is to be found in no one of the three classes.

. . . . . .

Well, then, what if we tried to rise above the idea of class to the idea of the whole community, *the State,* and to find our center of light and authority there? Every one of

us has the idea of country, as a sentiment; hardly any one of us has the idea of *the State*, as a working power. And why? Because we habitually live in our ordinary selves, which do not carry us beyond the ideas and wishes of the class to which we happen to belong. And we are all afraid of giving to the State too much power, because we only conceive of the State as something equivalent to the class in occupation of the executive government, and are afraid of that class abusing power to its own purposes. If we strengthen the State with the aristocratic class in occupation of the executive government, we imagine we are delivering ourselves up captive to the ideas and wishes of our fierce aristocratical baronet; if with the middle class in occupation of the executive government, to those of our truculent middle-class Dissenting minister; if with the working class, to those of its notorious tribune, Mr. Bradlaugh.[1] And with much justice; owing to the exaggerated notion which we English, as I have said, entertain of the right and blessedness of the mere doing as one likes, of the affirming oneself, and oneself just as it is. People of the aristocratic class want to affirm their ordinary selves, their likings and dislikings; people of the middle class the same, people of the working class the same. By our every day selves, however, we are separate, personal, at war; we are only safe from one another's tyranny when no one has any power; and this safety, in its turn, cannot save us from anarchy. And when, therefore, anarchy presents itself as a danger to us, we know not where to turn.

But by our *best self* we are united, impersonal, at harmony. We are in no peril from giving authority to this, because it is the truest friend we all of us can have; and when anarchy is a danger to us, to this authority we may turn with sure trust. Well, and this is the very self which

[1] Cp. p. 145, note 2.

culture, or the study of perfection, seeks to develop in us; at the expense of our old untransformed self, taking pleasure only in doing what it likes or is used to do, and exposing us to the risk of clashing with everyone else who is doing the same! So that our poor culture, which is flouted as so unpractical, leads us to the very ideas capable of meeting the great want of our present embarrassed times! We want an authority, and we find nothing but jealous classes, checks, and a deadlock; culture suggests the idea of *the State*. We find no basis for a firm State-power in our ordinary selves; culture suggests one to us in our *best self*.

It cannot but acutely try a tender conscience to be accused, in a practical country like ours, of keeping aloof from the work and hope of a multitude of earnest-hearted men, and of merely toying with poetry and æsthetics. So it is with no little sense of relief that I find myself thus in the position of one who makes a contribution in aid of the practical necessities of our times. The great thing, it will be observed, is to find our *best* self, and to seek to affirm nothing but that; not,—as we English with our over-value for merely being free and busy have been so accustomed to do,—resting satisfied with a self which comes uppermost long before our best self, and affirming that with blind energy. In short,—to go back yet once more to Bishop Wilson,—of these two excellent rules of Bishop Wilson's for a man's guidance: "Firstly, never go against the best light you have; secondly, take care that your light be not darkness," we English have followed with praiseworthy zeal the first rule, but we have not given so much heed to the second. We have gone manfully according to the best light we have; but we have not taken enough care that this should be really the best light possible for us, that it should not be darkness. And, our honesty being very great, conscience has whispered to us that the light we were following, our ordinary self, was, indeed, perhaps,

only an inferior self, only darkness; and that it would not do to impose this seriously on all the world.

But our best self inspires faith, and is capable of affording a serious principle of authority. For example. We are on our way to what the late Duke of Wellington, with his strong sagacity, foresaw and admirably described as "a revolution by due course of law." This is undoubtedly,—if we are still to live and grow, and this famous nation is not to stagnate and dwindle away on the one hand, or, on the other, to perish miserably in mere anarchy and confusion,—what we are on the way to. Great changes there must be, for a revolution cannot accomplish itself without great changes; yet order there must be, for without order a revolution cannot accomplish itself by due course of law. So whatever brings risk of tumult and disorder, multitudinous processions in the streets of our crowded towns, multitudinous meetings in their public places and parks,—demonstrations perfectly unnecessary in the present course of our affairs,—our best self, or right reason, plainly enjoins us to set our faces against. It enjoins us to encourage and uphold the occupants of the executive power, whoever they may be, in firmly prohibiting them. But it does this clearly and resolutely, and is thus a real principle of authority, because it does it with a free conscience. . . . It knows that it is establishing *the State,* or organ of our collective best self, of our national right reason. And it has the testimony of conscience that it is stablishing the State on behalf of whatever great changes are needed, just as much as on behalf of order; stablishing it to deal just as stringently, when the time comes, with our baronet's aristocratical prejudices, or with the fanaticism of our middle-class Dissenter, as it deals with Mr. Bradlaugh's street-processions.

VIII

BARBARIANS, PHILISTINES, POPULACE: SYNOPSIS

[In *Culture and Anarchy,* chapter III, omitted here, Arnold explains his three fantastic nick-names for the three classes of Englishmen:

Aristocratic Class	Barbarians,
Middle Class	Philistines,
Working Class	Populace,

and after a second examination he reaffirms the position taken in the last chapter that in no one of these classes is to be found the qualities to make it a safe custodian of the authority of the State. This authority, he repeats, can only be entrusted to the State as a whole, and then only if Englishmen make the State the organ, not of their ordinary feelings and stupidities and selfish desires, but of their highest and most unselfish feelings, their most intelligent and patriotic thought. Democratic government will be successful, in his estimation, only when the individuals of the State seek for culture, and make their political activities the expression of the point of view which culture dictates. Here, he decides, is the real solution of industrial and political difficulties, and hence the justification of the remedy for them which he prescribes in the first chapter: Get culture. In the chapter following he goes on to give the culture which he recommends its broadest and most fundamental definition.]

QUESTIONS

1. What force does Arnold describe by Hebraism? What by Hellenism?

2. What is the aim of each and what is the method by which each seeks to realize its aim?

3. What does Arnold conceive to be the relation of Christianity to Hebraism?

4. What is the attitude of each of these two forces to the idea of *sin?*

5. Which one of these forces, according to Arnold, is the *law* of human development?

6. How does he illustrate his point by the question of immortality?

7. How does Arnold conceive these two forces to work out in the Renascence and Reformation?

8. What is his comment on English Puritanism of the seventeenth century?

9. What is Arnold's final definition of culture?

IX

HEBRAISM AND HELLENISM

(*Culture and Anarchy,* Chapter IV)

THIS fundamental ground [of the habits and practices of our ordinary as opposed to our best selves] is our preference of doing to thinking. Now this preference is a main element in our nature, and as we study it we find ourselves opening up a number of large questions on every side.

Let me go back for a moment to Bishop Wilson, who says: "First, never go against the best light you have; secondly, take care that your light be not darkness." We show, as a nation, laudable energy and persistence in walking according to the best light we have, but are not quite careful enough, perhaps, to see that our light be not darkness. This is only another version of the old story that energy is our strong point and favorable characteristic, rather than intelligence. But we may give to this idea a more general form still, in which it will have a yet larger range of application. We may regard this energy driving at practice, this paramount sense of the obligation of duty, self-control, and work, this earnestness in going manfully with the best light we have, as one force. And we may regard the intelligence driving at those ideas which are, after all, the basis of right practice, the ardent sense for all the new and changing combinations of them which man's development brings with it, the indomitable impulse to know and adjust them perfectly, as another force. And these two forces we may regard as in some sense rivals,—rivals not by

the necessity of their own nature, but as exhibited in man and his history,—and rivals dividing the empire of the world between them. And to give these forces names from the two races of men who have supplied the most signal and splendid manifestations of them, we may call them respectively the forces of Hebraism and Hellenism. Hebraism and Hellenism,—between these two points of influence moves our world. At one time it feels more powerfully the attraction of one of them, at another time of the other; and it ought to be, though it never is, evenly and happily balanced between them.[1]

The final aim of both Hellenism and Hebraism, as of all great spiritual disciplines, is no doubt the same: man's perfection or salvation.[2] The very language which they both of them use in schooling us to reach this aim is often identical. Even when their language indicates by variation,—sometimes a broad variation, often a but slight and subtle variation,—the different courses of thought which are uppermost in each discipline, even then the unity of the final end and aim is still apparent. To employ the actual words of that discipline with which we ourselves are all of us most familiar, and the words of which, therefore, come most home to us, that final end and aim is "that we might be partakers of the divine nature."[3] These are the words of a Hebrew apostle, but of Hellenism and Hebraism alike this is, I say, the aim. When the two are confronted, as they very often are confronted, it is nearly always with what I may call a rhetorical purpose; the speaker's whole design is to exalt and enthrone one of the two, and he uses the other only as a

[1] The student will find S. H. Butcher's *Harvard Lectures on Greek Subjects*, I, "Greece and Israel," interesting in connection with this chapter.

[2] Again the student should compare Newman's Discourse on "Knowledge and Religious Duty."

[3] 2 Peter i, 4.

foil and to enable him the better to give effect to his purpose. Obviously, with us, it is usually Hellenism which is thus reduced to minister to the triumph of Hebraism. There is a sermon on Greece and the Greek spirit by a man never to be mentioned without interest and respect, Frederick Robertson, in which this rhetorical use of Greece and the Greek spirit, and the inadequate exhibition of them necessarily consequent upon this, is almost ludicrous, and would be censurable if it were not to be explained by the exigencies of a sermon.[1] On the other hand, Heinrich Heine, and other writers of his sort, give us the spectacle of the tables completely turned, and of Hebraism brought in just as a foil and contrast to Hellenism, and to make the superiority of Hellenism more manifest. In both these cases there is injustice and misrepresentation. The aim and end of both Hebraism and Hellenism is, as I have said, one and the same, and this aim and end is august and admirable.

Still, they pursue this aim by very different courses. The uppermost idea with Hellenism is to see things as they really are; the uppermost idea with Hebraism is conduct and obedience. Nothing can do away with this ineffaceable difference. The Greek quarrel with the body and its desires is, that they hinder right thinking; the Hebrew quarrel with

[1] The last paragraph but one of the sermon referred to is as follows: "In conclusion remark: In all this system one thing was wanting—the sense of sin. The Greek worshiped the beautiful, adored the human, deified the world; of course in this worship found no place for sin. The Greek would not have spoken to you of sin; he would have told you of departure from a right line—want of moral harmony—discord within; he would have said that the music of your soul was out of tune. Christ came to convince the world of sin. And after him that deep cloud began to brood upon the hearts of Christendom, which rests upon the conscience which has been called into vitality of action and susceptibility."—Robertson, *Sermons Preached at Trinity Chapel, Brighton,* First Series, No. XI.

them is, that they hinder right acting. "He that keepeth the law, happy is he;" "Blessed is the man that feareth the Eternal, that delighteth greatly in his commandments;"[1]—that is the Hebrew notion of felicity; and, pursued with passion and tenacity, this notion would not let the Hebrew rest till, as is well known, he had at last got out of the law a network of prescriptions to enwrap his whole life, to govern every moment of it, every impulse, every action. The Greek notion of felicity, on the other hand, is perfectly conveyed in these words of a great French moralist: "*C'est le bonheur des hommes,*"—when? when they abhor that which is evil?—no; when they exercise themselves in the law of the Lord day and night?—no; when they die daily?—no; when they walk about the New Jerusalem with palms in their hands?—no; but when they think aright, when their thought hits: "*quand ils pensent juste.*" At the bottom of both the Greek and the Hebrew notion is the desire, native in man, for reason and the will of God, the feeling after the universal order,—in a word, the love of God. But, while Hebraism seizes upon certain plain, capital intimations of the universal order, and rivets itself, one may say, with unequaled grandeur of earnestness and intensity on the study and observance of them, the bent of Hellenism is to follow, with flexible activity, the whole play of the universal order, to be apprehensive of missing any part of it, of sacrificing one part to another, to slip away from resting in this or that intimation of it, however capital. An unclouded clearness of mind, an unimpeded play of thought, is what this bent drives at. The governing idea of Hellenism is *spontaneity of consciousness;* that of Hebraism, *strictness of conscience.*

Christianity changed nothing in this essential bent of Hebraism to set doing above knowing. Self-conquest, self-devotion, the following not our own individual will, but the

[1] Prov. xxix, 18; Ps. cxii, 1.

will of God, *obedience,* is the fundamental idea of this form, also, of the discipline to which we have attached the general name of Hebraism. Only, as the old law and the network of prescriptions with which it enveloped human life were evidently a motive-power not driving and searching enough to produce the result aimed at,—patient continuance in well-doing, self-conquest,—Christianity substituted for them boundless devotion to that inspiring and affecting pattern of self-conquest offered by Jesus Christ; and by the new motive-power, of which the essence was this, though the love and admiration of Christian churches have for centuries been employed in varying, amplifying, and adorning the plain description of it, Christianity, as St. Paul truly says, "establishes the law," [1] and in the strength of the ampler power which she has thus supplied to fulfill it, has accomplished the miracles, which we all see, of her history.

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Both Hellenism and Hebraism arise out of the wants of human nature, and address themselves to satisfying those wants. But their methods are so different, they lay stress on such different points, and call into being by their respective disciplines such different activities, that the face which human nature presents when it passes from the hands of one of them to those of the other, is no longer the same. To get rid of one's ignorance, to see things as they are, and by seeing them as they are to see them in their beauty, is the simple and attractive ideal which Hellenism holds out before human nature; and from the simplicity and charm of this ideal, Hellenism, and human life in the hands of Hellenism, is invested with a kind of aërial ease, clearness, and radiancy; they are full of what we call sweetness and light. Difficulties are kept out of view, and the beauty and rationalness of the ideal have all our thoughts. "The best man is he

[1] Rom. iii, 31.

who most tries to perfect himself, and the happiest man is he who most feels that he *is* perfecting himself," [1]—this account of the matter by Socrates, the true Socrates of the *Memorabilia,* has something so simple, spontaneous, and unsophisticated about it, that it seems to fill us with clearness and hope when we hear it. But there is a saying which I have heard attributed to Mr. Carlyle about Socrates,—a very happy saying, whether it is really Mr. Carlyle's or not, —which excellently marks the essential point in which Hebraism differs from Hellenism. "Socrates," this saying goes, "is terribly *at ease in Zion.*" Hebraism,—and here is the source of its wonderful strength,—has always been severely pre-occupied with an awful sense of the impossibility of being at ease in Zion; of the difficulties which oppose themselves to man's pursuit or attainment of that perfection of which Socrates talks so hopefully, and, as from this point of view one might almost say, so glibly. It is all very well to talk of getting rid of one's ignorance, of seeing things in their reality, seeing them in their beauty; but how is this to be done when there is something which thwarts and spoils all our efforts?

This something is *sin;* and the space which sin fills in Hebraism, as compared with Hellenism, is indeed prodigious.[2] This obstacle to perfection fills the whole scene, and perfection appears remote and rising away from earth, in the background. Under the name of sin, the difficulties of knowing oneself and conquering oneself which impede man's passage to perfection, become, for Hebraism, a positive, active entity hostile to man, a mysterious power which I heard Dr. Pusey [3] the other day, in one of his impressive sermons,

[1] Xenophon, *Memorabilia,* Bk. IV, ch. viii, § 6.

[2] Cp. p. 173, note 1, above.

[3] Edward Bouverie Pusey (1800-82), a Fellow of Oriel in Newman's day and one of the leaders in the Oxford Movement (see p. 146, note 1).

compare to a hideous hunchback seated on our shoulders, and which it is the main business of our lives to hate and oppose. The discipline of the Old Testament may be summed up as a discipline teaching us to abhor and flee from sin; the discipline of the New Testament, as a discipline teaching us to die to it. As Hellenism speaks of thinking clearly, seeing things in their essence and beauty, as a grand and precious feat for man to achieve, so Hebraism speaks of becoming conscious of sin, of awakening to a sense of sin, as a feat of this kind. It is obvious to what wide divergence these differing tendencies, actively followed, must lead. As one passes and repasses from Hellenism to Hebraism, from Plato to St. Paul, one feels inclined to rub one's eyes and ask oneself whether man is indeed a gentle and simple being, showing the traces of a noble and divine nature; or an unhappy chained captive, laboring with groanings that cannot be uttered to free himself from the body of this death.

Apparently it was the Hellenic conception of human nature which was unsound, for the world could not live by it. Absolutely to call it unsound, however, is to fall into the common error of its Hebraizing enemies; but it was unsound at that particular moment of man's development, it was premature. The indispensable basis of conduct and self-control, the platform upon which alone the perfection aimed at by Greece can come into bloom, was not to be reached by our race so easily; centuries of probation and discipline were needed to bring us to it. Therefore the bright promise of Hellenism faded, and Hebraism ruled the world. Then was seen that astonishing spectacle, so well marked by the often-quoted words of the prophet Zechariah, when men of all languages and nations took hold of the skirt of him that was a Jew, saying:—"*We will go with you, for we have heard that God is with you.*" [1] And the Hebraism which thus re-

[1] Zech. viii, 23.

ceived and ruled a world all gone out of the way and altogether become unprofitable, was, and could not but be, the later, the more spiritual, the more attractive development of Hebraism. It was Christianity; that is to say, Hebraism aiming at self-conquest and rescue from the thrall of vile affections, not by obedience to the letter of a law, but by conformity to the image of a self-sacrificing example. To a world stricken with moral enervation Christianity offered its spectacle of an inspired self-sacrifice; to men who refused themselves nothing, it showed one who refused himself everything;—*"my Saviour banished joy!"* says George Herbert.[1] When the *alma Venus,* the life-giving and joy-giving power of nature, so fondly cherished by the Pagan world, could not save her followers from self-dissatisfaction and ennui, the severe words of the apostle came bracingly and refreshingly: "Let no man deceive you with vain words, for because of these things cometh the wrath of God upon the children of disobedience."[2] Through age after age and generation after generation, our race, or all that part of our race which was most living and progressive, was *baptized into a death;*[3] and endeavored, by suffering in the flesh, to cease from sin. Of this endeavor, the animating labors and afflictions of early Christianity, the touching asceticism of mediæval Christianity, are the great historical manifestations. Literary monuments of it, each in its own way incomparable, remain in the Epistles of St. Paul, in St. Augustine's Confessions, and in the two original and simplest books of the Imitation.[4]

Of two disciplines laying their main stress, the one, on

[1] Herbert, "The Size," l. 25, f.,

"Thy Savior sentenc'd joy
And in the flesh condemn'd it as unfit, etc."

[2] Eph. v, 6.

[3] Rom. vi, 3.

[4] The two first books. [Arnold.]

clear intelligence, the other, on firm obedience; the one, on comprehensively knowing the grounds of one's duty, the other, on diligently practicing it; the one, on taking all possible care (to use Bishop Wilson's words again) that the light we have be not darkness, the other, that according to the best light we have we diligently walk,—the priority naturally belongs to that discipline which braces all man's moral powers, and founds for him an indispensable basis of character. And, therefore, it is justly said of the Jewish people, who were charged with setting powerfully forth that side of the divine order to which the words *conscience* and *self-conquest* point, that they were "entrusted with the oracles of God";[1] as it is justly said of Christianity, which followed Judaism and which set forth this side with a much deeper effectiveness and a much wider influence, that the wisdom of the old Pagan world was foolishness compared to it.[2] No words of devotion and admiration can be too strong to render thanks to these beneficent forces which have so borne forward humanity in its appointed work of coming to the knowledge and possession of itself; above all, in those great moments when their action was the wholesomest and the most necessary.

But the evolution of these forces, separately and in themselves, is not the whole evolution of humanity,—their single history is not the whole history of man; whereas their admirers are always apt to make it stand for the whole history. Hebraism and Hellenism are, neither of them, the *law* of human development, as their admirers are prone to make them; they are, each of them, *contributions* to human development,—august contributions, invaluable contributions; and each showing itself to us more august, more invaluable, more preponderant over the other, according to the moment

[1] Rom. iii, 1-2.
[2] Cp. 1 Cor. iii, 19.

in which we take them, and the relation in which we stand to them. The nations of our modern world, children of that immense and salutary movement which broke up the Pagan world, inevitably stand to Hellenism in a relation which dwarfs it, and to Hebraism in a relation which magnifies it. They are inevitably prone to take Hebraism as the law of human development, and not as simply a contribution to it, however precious. And yet the lesson must perforce be learned, that the human spirit is wider than the most priceless of the forces which bear it onward, and that to the whole development of man Hebraism itself is, like Hellenism, but a contribution.

Perhaps we may help ourselves to see this clearer by an illustration drawn from the treatment of a single great idea which has profoundly engaged the human spirit, and has given it eminent opportunities for showing its nobleness and energy. It surely must be perceived that the idea of immortality, as this idea rises in its generality before the human spirit, is something grander, truer, and more satisfying, than it is in the particular forms by which St. Paul, in the famous fifteenth chapter of the Epistle to the Corinthians, and Plato, in the *Phædo,* endeavor to develop and establish it. Surely we cannot but feel, that the argumentation with which the Hebrew apostle goes about to expound this great idea is, after all, confused and inconclusive; and that the reasoning, drawn from analogies of likeness and equality, which is employed upon it by the Greek philosopher, is oversubtle and sterile. Above and beyond the inadequate solutions which Hebraism and Hellenism here attempt, extends the immense and august problem itself, and the human spirit which gave birth to it. And this single illustration may suggest to us how the same thing happens in other cases also.

But meanwhile, by alternations of Hebraism and Hellenism, of a man's intellectual and moral impulses, of the effort

to see things as they really are, and the effort to win peace by self-conquest, the human spirit proceeds; and each of these two forces has its appointed hours of culmination and seasons of rule. As the great movement of Christianity was a triumph of Hebraism and man's moral impulses, so the great movement which goes by the name of the Renascence [1] was an uprising and re-instatement of man's intellectual impulses and of Hellenism. We in England, the devoted children of Protestantism, chiefly know the Renascence by its subordinate and secondary side of the Reformation. The Reformation has been often called a Hebraizing revival, a return to the ardor and sincereness of primitive Christianity. No one, however, can study the development of Protestantism and of Protestant churches without feeling that into the Reformation too,—Hebraizing child of the Renascence and offspring of its fervor, rather than its intelligence, as it undoubtedly was,—the subtle Hellenic leaven of the Renascence found its way, and that the exact respective parts, in the Reformation, of Hebraism and of Hellenism, are not easy to separate. But what we may with truth say is, that all which Protestantism was to itself clearly conscious of, all which it succeeded in clearly setting forth in words, had the characters of Hebraism rather than of Hellenism. The Reformation was strong, in that it was an earnest return to the Bible and to doing from the heart the will of God as there written. It was weak, in that it never consciously grasped or applied the central idea of the Renascence,—the Hellenic idea of pursuing, in all lines of activity, the law and science, to use Plato's words, of things as they really are. Whatever direct superiority, therefore, Protestantism had over Cathol-

[1] I have ventured to give to the foreign word *Renaissance*,—destined to become of more common use amongst us as the movement which it denotes comes, as it will come, increasingly to interest us,—an English form. [Arnold.]

icism was a moral superiority, a superiority arising out of its greater sincerity and earnestness,—at the moment of its apparition at any rate,—in dealing with the heart and conscience. Its pretensions to an intellectual superiority are in general quite illusory. For Hellenism, for the thinking side in man as distinguished from the acting side, the attitude of mind of Protestantism towards the Bible in no respect differs from the attitude of mind of Catholicism towards the Church. The mental habit of him who imagines that Balaam's ass spoke,[1] in no respect differs from the mental habit of him who imagines that a Madonna of wood or stone winked; and the one, who says that God's Church makes him believe what he believes, and the other, who says that God's Word makes him believe what he believes, are for the philosopher perfectly alike in not really and truly knowing, when they say *God's Church* and *God's Word,* what it is they say, or whereof they affirm.

In the sixteenth century, therefore, Hellenism re-entered the world, and again stood in presence of Hebraism,—a Hebraism renewed and purged. Now, it has not been enough observed, how, in the seventeenth century, a fate befell Hellenism in some respects analogous to that which befell it at the commencement of our era. The Renascence, that great re-awakening of Hellenism, that irresistible return of humanity to nature and to seeing things as they are, which in art, in literature, and in physics, produced such splendid fruits, had, like the anterior Hellenism of the Pagan world, a side of moral weakness and of relaxation or insensibility of the moral fiber, which in Italy showed itself with the most startling plainness, but which in France, England, and other countries was very apparent too. Again this loss of spiritual balance, this exclusive preponderance given to man's perceiving and knowing side, this unnatural defect of his feeling

[1] See Num. xxii.

and acting side, provoked a reaction. Let us trace that reaction where it most nearly concerns us.

Science has now made visible to everybody the great and pregnant elements of difference which lie in race, and in how signal a manner they make the genius and history of an Indo-European people vary from those of a Semitic people. Hellenism is of Indo-European growth, Hebraism is of Semitic growth; and we English, a nation of Indo-European stock, seem to belong naturally to the movement of Hellenism. But nothing more strongly marks the essential unity of man, than the affinities we can perceive, in this point or that, between members of one family of peoples and members of another. And no affinity of this kind is more strongly marked than that likeness in the strength and prominence of the moral fiber, which, notwithstanding immense elements of difference, knits in some special sort the genius and history of us English, and our American descendants across the Atlantic, to the genius and history of the Hebrew people. Puritanism, which has been so great a power in the English nation, and in the strongest part of the English nation, was originally the reaction in the seventeenth century of the conscience and moral sense of our race, against the moral indifference and lax rule of conduct which in the sixteenth century came in with the Renascence. It was a reaction of Hebraism against Hellenism; and it powerfully manifested itself, as was natural, in a people with much of what we call a Hebraizing turn, with a signal affinity for the bent which was the master-bent of Hebrew life. Eminently Indo-European by its *humor,* by the power it shows, through this gift, of imaginatively acknowledging the multiform aspects of the problem of life, and of thus getting itself unfixed from its own over-certainty, of smiling at its own over-tenacity, our race has yet (and a great part of its strength lies here), in matters of practical life and moral conduct, a strong share

of the assuredness, the tenacity, the intensity of the Hebrews. This turn manifested itself in Puritanism, and has had a great part in shaping our history for the last two hundred years. Undoubtedly it checked and changed amongst us that movement of the Renascence which we see producing in the reign of Elizabeth such wonderful fruits. Undoubtedly it stopped the prominent rule and direct development of that order of ideas which we call by the name of Hellenism, and gave the first rank to a different order of ideas. Apparently, too, as we said of the former defeat of Hellenism, if Hellenism was defeated, this shows that Hellenism was imperfect, and that its ascendency at that moment would not have been for the world's good.

Yet there is a very important difference between the defeat inflicted on Hellenism by Christianity eighteen hundred years ago, and the check given to the Renascence by Puritanism. The greatness of the difference is well measured by the difference in force, beauty, significance, and usefulness, between primitive Christianity and Protestantism. Eighteen hundred years ago it was altogether the hour of Hebraism. Primitive Christianity was legitimately and truly the ascendant force in the world at that time, and the way of mankind's progress lay through its full development. Another hour in man's development began in the fifteenth century, and the main road of his progress then lay for a time through Hellenism. Puritanism was no longer the central current of the world's progress, it was a side stream crossing the central current and checking it. The cross and the check may have been necessary and salutary, but that does not do away with the essential difference between the main stream of man's advance and a cross or side stream. For more than two hundred years the main stream of man's advance has moved towards knowing himself and the world, seeing things as they are, spontaneity of consciousness; the

main impulse of a great part, and that the strongest part, of our nation has been towards strictness of conscience. They have made the secondary the principal at the wrong moment, and the principal they have at the wrong moment treated as secondary. This contravention of the natural order has produced, as such contravention always must produce, a certain confusion and false movement, of which we are now beginning to feel, in almost every direction, the inconvenience. In all directions our habitual causes of action seem to be losing efficaciousness, credit, and control, both with others and even with ourselves. Everywhere we see the beginnings of confusion, and we want a clue to some sound order and authority. This we can only get by going back upon the actual instincts and forces which rule our life, seeing them as they really are, connecting them with other instincts and forces, and enlarging our whole view and rule of life.

QUESTIONS

1. How does the title of this essay bear on the substance of the preceding?

2. What is Arnold's explanation of the political and spiritual confusion of his day?

3. What is his final comment on the Puritan?

4. What is his objection to the Puritan tendency to make the Bible the sole guide to conduct?

5. What danger and what value does he see in Hellenism?

6. How does the suicide of Mr. Smith illustrate his point?

7. Does Arnold consider Hellenism the one thing needful?

8. In what ways does he consider culture to offer a remedy for the disorders of his time?

4-12-26

X

PORRO UNUM EST NECESSARIUM[1]

(*Culture and Anarchy,* Chapter V)

THE matter here opened is so large, and the trains of thought to which it gives rise are so manifold, that we must be careful to limit ourselves scrupulously to what has a direct bearing upon our actual discussion. We have found that at the bottom of our present unsettled state, so full of the seeds of trouble, lies the notion of its being the prime right and happiness, for each of us, to affirm himself, and his ordinary self; to be doing, and to be doing freely and as he likes. We have found at the bottom of it the disbelief in right reason as a lawful authority. It was easy to show from our practice and current history that this is so; but it was impossible to show why it is so without taking a somewhat wider sweep and going into things a little more deeply. Why, in fact, should good, well-meaning, energetic, sensible people, like the bulk of our countrymen, come to have such light belief in right reason, and such an exaggerated value for their own independent doing, however crude? The answer is: because of an exclusive and excessive development in them,

[1] Et respondens dixit illi Dominus: Martha, Martha, sollicita es, et turbaris erga plurima. Porro unum est necessarium. Maria optimam partem elegit, quae non auferetur ab ea.—Luc. x, 41-2.

And Jesus answered and said unto her, Martha, Martha, thou art careful and troubled about many things: But one thing is needful: and Mary hath chosen that good part, which shall not be taken away from her.—Luke x, 41-2.

without due allowance for time, place, and circumstance, of that side of human nature, and that group of human forces, to which we have given the general name of Hebraism. Because they have thought their real and only important homage was owed to a power concerned with obedience rather than with their intelligence, a power interested in the moral side of their nature almost exclusively. Thus they have been led to regard in themselves, as the one thing needful, *strictness of conscience,* the staunch adherence to some fixed law of doing we have got already, instead of *spontaneity of consciousness,* which tends continually to enlarge our whole law of doing. They have fancied themselves to have in their religion a sufficient basis for the whole of their life fixed and certain for ever, a full law of conduct and a full law of thought, so far as thought is needed, as well; whereas what they really have is a law of conduct, a law of unexampled power for enabling them to war against the law of sin in their members and not to serve it in the lusts thereof. The book which contains this invaluable law they call the Word of God, and attribute to it, as I have said, and as, indeed, is perfectly well known, a reach and sufficiency co-extensive with all the wants of human nature.

This might, no doubt, be so, if humanity were not the composite thing it is, if it had only, or in quite overpowering eminence, a moral side, and the group of instincts and powers which we call moral. But it has besides, and in notable eminence, an intellectual side, and the group of instincts and powers which we call intellectual. No doubt, mankind makes in general its progress in a fashion which gives at one time full swing to one of these groups of instincts, at another time to the other; and man's faculties are so intertwined, that when his moral side, and the current of force which we call Hebraism, is uppermost, this side will manage somehow to provide, or appear to provide, satisfaction for his intellectual

needs; and when his intellectual side, and the current of force which we call Hellenism, is uppermost, this again will provide, or appear to provide, satisfaction for men's moral needs. But sooner or later it becomes manifest that when the two sides of humanity proceed in this fashion of alternate preponderance, and not of mutual understanding and balance, the side which is uppermost does not really provide in a satisfactory manner for the needs of the side which is undermost, and a state of confusion is, sooner or later, the result. The Hellenic half of our nature, bearing rule, makes a sort of provision for the Hebrew half, but it turns out to be an inadequate provision; and again the Hebrew half of our nature, bearing rule, makes a sort of provision for the Hellenic half, but this, too, turns out to be an inadequate provision. The true and smooth order of humanity's development is not reached in either way. And therefore, while we willingly admit with the Christian apostle that the world by wisdom,—that is, by the isolated preponderance of its intellectual impulses,—knew not God,[1] or the true order of things, it is yet necessary, also, to set up a sort of converse to this proposition, and to say likewise (what is equally true) that the world by Puritanism knew not God. And it is on this converse of the apostle's proposition that it is particularly needful to insist in our own country just at present.

. . . . . .

The Puritan's great danger is that he imagines himself in possession of a rule telling him the *unum necessarium*, or one thing needful, and that he then remains satisfied with a very crude conception of what this rule really is and what it tells him, thinks he has now knowledge and henceforth needs only to act, and, in this dangerous state of assurance and self-satisfaction, proceeds to give full swing to a number

[1] 1 Cor. i, 21.

of the instincts of his ordinary self. Some of the instincts of his ordinary self he has, by the help of his rule of life, conquered; but others which he has not conquered by this help he is so far from perceiving to need subjugation, and to be instincts of an inferior self, that he even fancies it to be his right and duty, in virtue of having conquered a limited part of himself, to give unchecked swing to the remainder. He is, I say, a victim of Hebraism, of the tendency to cultivate strictness of conscience rather than spontaneity of consciousness. And what he wants is a larger conception of human nature, showing him the number of other points at which his nature must come to its best, besides the points which he himself knows and thinks of. There is no *unum necessarium*, or one thing needful, which can free human nature from the obligation of trying to come to its best at all these points. The real *unum necessarium* for us is to come to our best at all points. Instead of our "one thing needful," justifying in us vulgarity, hideousness, ignorance, violence,—our vulgarity, hideousness, ignorance, violence, are really so many touchstones which try our one thing needful, and which prove that in the state, at any rate, in which we ourselves have it, it is not all we want. And as the force which encourages us to stand staunch and fast by the rule and ground we have is Hebraism, so the force which encourages us to go back upon this rule, and to try the very ground on which we appear to stand, is Hellenism,—a turn for giving our consciousness free play and enlarging its range. And what I say is, not that Hellenism is always for everybody more wanted than Hebraism, but that for Mr. Murphy[1] at this particular

[1] Patrick Murphy, a popular and violent opponent of the Roman Catholic Church. His lectures at Birmingham and other places in 1866-7, aided by the English Trades Union feeling against the Irish, created great popular excitement, and were to Arnold a subject of horror.

moment, and for the great majority of us his fellow-countrymen, it is more wanted.

Nothing is more striking than to observe in how many ways a limited conception of human nature, the notion of a one thing needful, a one side in us to be made uppermost, the disregard of a full and harmonious development of ourselves, tells injuriously on our thinking and acting. In the first place, our hold upon the rule or standard, to which we look for our one thing needful, tends to become less and less near and vital, our conception of it more and more mechanical, and more and more unlike the thing itself as it was conceived in the mind where it originated. The dealings of Puritanism with the writings of St. Paul, afford a noteworthy illustration of this. Nowhere so much as in the writings of St. Paul, and in that great apostle's greatest work, the Epistle to the Romans, has Puritanism found what seemed to furnish it with the one thing needful, and to give it canons of truth absolute and final. Now all writings, as has been already said, even the most precious writings and the most fruitful, must inevitably, from the very nature of things, be but contributions to human thought and human development, which extend wider than they do. Indeed, St. Paul, in the very Epistle of which we are speaking, shows, when he asks, "Who hath known the mind of the Lord?"[1] —who hath known, that is, the true and divine order of things in its entirety,—that he himself acknowledges this fully. And we have already pointed out in another Epistle of St. Paul a great and vital idea of the human spirit,—the idea of immortality,—transcending and overlapping, so to speak, the expositor's power to give it adequate definition and expression.[2]

But quite distinct from the question whether St. Paul's

[1] Rom. xi, 34.
[2] See p. 180, above.

expression, or any man's expression, can be a perfect and final expression of truth, comes the question whether we rightly seize and understand his expression as it exists. Now, perfectly to seize another man's meaning, as it stood in his own mind, is not easy; especially when the man is separated from us by such differences of race, training, time, and circumstances as St. Paul. But there are degrees of nearness in getting at a man's meaning; and though we cannot arrive quite at what St. Paul had in his mind, yet we may come near it. And who, that comes thus near it, must not feel how terms which St. Paul employs, in trying to follow with his analysis of such profound power and originality some of the most delicate, intricate, obscure, and contradictory workings and states of the human spirit, are detached and employed by Puritanism, not in the connected and fluid way in which St. Paul employs them, and for which alone words are really meant, but in an isolated, fixed, mechanical way, as if they were talismans; and how all trace and sense of St. Paul's true movement of ideas, and sustained masterly analysis, is thus lost? Who, I say, that has watched Puritanism,—the force which so strongly Hebraizes, which so takes St. Paul's writings as something absolute and final, containing the one thing needful,—handle such terms as *grace, faith, election, righteousness,* but must feel, not only that these terms have for the mind of Puritanism a sense false and misleading, but also that this sense is the most monstrous and grotesque caricature of the sense of St. Paul, and that his true meaning is by these worshipers of his words altogether lost?

Or to take another eminent example, in which not Puritanism only, but, one may say, the whole religious world, by their mechanical use of St. Paul's writings, can be shown to miss or change his real meaning. The whole religious world, one may say, use now the word *resurrection,*—a word which

is so often in their thoughts and on their lips, and which they find so often in St. Paul's writings,—in one sense only. They use it to mean a rising again after the physical death of the body. Now it is quite true that St. Paul speaks of resurrection in this sense, that he tries to describe and explain it, and that he condemns those who doubt and deny it. But it is true, also, that in nine cases out of ten where St. Paul thinks and speaks of resurrection, he thinks and speaks of it in a sense different from this;—in the sense of a rising to a new life before the physical death of the body, and not after it. The idea on which we have already touched,[1] the profound idea of being baptized into the death of the great exemplar of self-devotion and self-annulment, of repeating in our own person, by virtue of identification with our exemplar, his course of self-devotion and self-annulment, and of thus coming, within the limits of our present life, to a new life, in which, as in the death going before it, we are identified with our exemplar,—this is the fruitful and original conception of being *risen with Christ* which possesses the mind of St. Paul, and this is the central point round which, with such incomparable emotion and eloquence, all his teaching moves. For him, the life after our physical death is really in the main but a consequence and continuation of the inexhaustible energy of the new life thus originated on this side the grave. This grand Pauline idea of Christian resurrection is worthily rehearsed in one of the noblest collects of the Prayer-Book,[2] and is destined, no doubt, to fill a more and more important place in the Christianity of the future. But meanwhile, almost as signal as the essentialness of this

[1] See p. 178, above.

[2] The one for Easter-Even: "Grant, O Lord, that as we are baptized into the death of thy blessed Son our Saviour Jesus Christ, so by continual mortifying our corrupt affections we may be buried with him; and that through the grave, and gate of death, we may pass to our joyful resurrection; etc."

characteristic idea in St. Paul's teaching, is the completeness with which the worshipers of St. Paul's words as an absolute final expression of saving truth have lost it, and have substituted for the apostle's living and near conception of a resurrection now, their mechanical and remote conception of a resurrection hereafter.

In short, so fatal is the notion of possessing, even in the most precious words or standards, the one thing needful, of having in them, once for all, a full and sufficient measure of light to guide us, and of there being no duty left for us except to make our practice square exactly with them,—so fatal, I say, is this notion to the right knowledge and comprehension of the very words or standards we thus adopt, and to such strange distortions and perversions of them does it inevitably lead, that whenever we hear that commonplace which Hebraism, if we venture to inquire what a man knows, is so apt to bring out against us, in disparagement of what we call culture, and in praise of a man's sticking to the one thing needful,—*he knows,* says Hebraism, *his Bible!*—whenever we hear this said, we may, without any elaborate defense of culture, content ourselves with answering simply: "No man, who knows nothing else, knows even his Bible."

Now the force which we have so much neglected, Hellenism, may be liable to fail in moral strength and earnestness, but by the law of its nature,—the very same law which makes it sometimes deficient in intensity when intensity is required,—it opposes itself to the notion of cutting our being in two, of attributing to one part the dignity of dealing with the one thing needful, and leaving the other part to take its chance, which is the bane of Hebraism. Essential in Hellenism is the impulse to the development of the whole man, to connecting and harmonizing all parts of him, perfecting all, leaving none to take their chance.

The characteristic bent of Hellenism, as has been said, is

to find the intelligible law of things, to see them in their true nature and as they really are. But many things are not seen in their true nature and as they really are, unless they are seen as beautiful. Behavior is not intelligible, does not account for itself to the mind and show the reason for its existing, unless it is beautiful. The same with discourse, the same with song, the same with worship, all of them modes in which man proves his activity and expresses himself. To think that when one produces in these what is mean, or vulgar, or hideous, one can be permitted to plead that one has that within which passes show;[1] to suppose that the possession of what benefits and satisfies one part of our being can make allowable either discourse like Mr. Murphy's, or poetry like the hymns we all hear, or places of worship like the chapels we all see,—this it is abhorrent to the nature of Hellenism to concede. And to be, like our honored and justly honored Faraday, a great natural philosopher with one side of his being and a Sandemanian with the other, would to Archimedes have been impossible.[2]

It is evident to what a many-sided perfecting of man's powers and activities this demand of Hellenism for satisfaction to be given to the mind by everything which we do, is calculated to impel our race. It has its dangers, as has been fully granted. The notion of this sort of equipollency in man's modes of activity may lead to moral relaxation; what we do not make our one thing needful, we may come

[1] *Hamlet*, I, ii, 85.

[2] Michael Faraday (1791-1867), physicist and chemist, the discoverer of magneto-electric induction.

Sandemanians, or Glassites, were members of a religious sect founded about 1730 by John Glas, joined, a few years later, by his son-in-law, Robert Sandeman. The sect, which is now extinct, undertook to follow strictly the life and religious practices of the primitive Christians.

Archimedes (287-212 B.C.), the great Greek student of geometry and mechanics.

to treat not enough as if it were needful, though it is indeed very needful and at the same time very hard. Still, what side in us has not its dangers, and which of our impulses can be a talisman to give us perfection outright, and not merely a help to bring us towards it? Has not Hebraism, as we have shown, its dangers as well as Hellenism? or have we used so excessively the tendencies in ourselves to which Hellenism makes appeal, that we are now suffering from it? Are we not, on the contrary, now suffering because we have not enough used these tendencies as a help towards perfection?

For we see whither it has brought us, the long exclusive predominance of Hebraism,—the insisting on perfection in one part of our nature and not in all; the singling out the moral side, the side of obedience and action, for such intent regard; making strictness of the moral conscience so far the principal thing, and putting off for hereafter and for another world the care for being complete at all points, the full and harmonious development of our humanity. Instead of watching and following on its ways the desire which, as Plato says, "for ever through all the universe tends towards that which is lovely," we think that the world has settled its accounts with this desire, knows what this desire wants of it, and that all the impulses of our ordinary self which do not conflict with the terms of this settlement, in our narrow view of it, we may follow unrestrainedly, under the sanction of some such text as "Not slothful in business," [1] or, "Whatsoever thy hand findeth to do, do it with all thy might," [2] or something else of the same kind. And to any of these impulses we soon come to give that same character of a mechanical, absolute law, which we give to our religion; we regard it, as we do our religion, as an object for strictness of

[1] Rom. xii, 11.
[2] Eccle. ix, 10.

conscience, not for spontaneity of consciousness; for unremitting adherence on its own account, not for going back upon, viewing in its connection with other things, and adjusting to a number of changing circumstances. We treat it, in short, just as we treat our religion,—as machinery. It is in this way that the Barbarians treat their bodily exercises, the Philistines their business, Mr. Spurgeon [1] his voluntaryism, Mr. Bright the assertion of personal liberty, Mr. Beales the right of meeting in Hyde Park.[2] In all those cases what is needed is a freer play of consciousness upon the object of pursuit; and in all of them Hebraism, the valuing staunchness and earnestness more than this free play, the entire subordination of thinking to doing, has led to a mistaken and misleading treatment of things.

The newspapers a short time ago contained an account of the suicide of a Mr. Smith, secretary to some insurance company, who, it was said, "labored under the apprehension that he would come to poverty, and that he was eternally lost." And when I read these words, it occurred to me that the poor man who came to such a mournful end was, in truth, a kind of type,—by the selection of his two grand objects of concern, by their isolation from everything else, and their juxtaposition to one another,—of all the strongest, most respectable, and most representative part of our nation. "He labored under the apprehension that he would come to poverty, and that he was eternally lost." The whole middle class have a conception of things,—a conception which makes us call them Philistines,—just like that of this poor man; though we are seldom, of course, shocked by seeing it take the distressing, violently morbid, and fatal turn, which it took with him. But how generally, with how

[1] C. H. Spurgeon (1834-92), the great English Baptist preacher and author of religious works.

[2] For Bright and Beales see pp. 121 and 145, above.

many of us, are the main concerns of life limited to these two: the concern for making money, and the concern for saving our souls! And how entirely does the narrow and mechanical conception of our secular business proceed from a narrow and mechanical conception of our religious business! What havoc do the united conceptions make of our lives! It is because the second-named of these two master-concerns presents to us the one thing needful in so fixed, narrow, and mechanical a way, that so ignoble a fellow master-concern to it as the first-named becomes possible; and, having been once admitted, takes the same rigid and absolute character as the other.

Poor Mr. Smith had sincerely the nobler master-concern as well as the meaner,—the concern for saving his soul (according to the narrow and mechanical conception which Puritanism has of what the salvation of the soul is), as well as the concern for making money. But let us remark how many people there are, especially outside the limits of the serious and conscientious middle class to which Mr. Smith belonged, who take up with a meaner master-concern,—whether it be pleasure, or field-sports, or bodily exercises, or business, or popular agitation,—who take up with one of these exclusively, and neglect Mr. Smith's nobler master-concern, because of the mechanical form which Hebraism has given to this noble master-concern. Hebraism makes it stand, as we have said, as something talismanic, isolated, and all-sufficient, justifying our giving our ordinary selves free play in bodily exercises, or business, or popular agitation, if we have made our accounts square with this master-concern; and, if we have not, rendering other things indifferent, and our ordinary self all we have to follow, and to follow with all the energy that is in us, till we do. Whereas the idea of perfection at all points, the encouraging in ourselves spontaneity of consciousness, and letting a free play of

thought live and flow around all our activity, the indisposition to allow one side of our activity to stand as so all-important and all-sufficing that it makes other sides indifferent,—this bent of mind in us may not only check us in following unreservedly a mean master-concern of any kind, but may even, also, bring new life and movement into that side of us with which alone Hebraism concerns itself, and awaken a healthier and less mechanical activity there. Hellenism may thus actually serve to further the designs of Hebraism.

Undoubtedly it thus served in the first days of Christianity. Christianity, as has been said, occupied itself, like Hebraism, with the moral side of man exclusively, with his moral affections and moral conduct; and so far it was but a continuation of Hebraism. But it transformed and renewed Hebraism by criticising a fixed rule, which had become mechanical, and had thus lost its vital motive power; by letting the thought play freely around this old rule, and perceive its inadequacy; by developing a new motive power, which men's moral consciousness could take living hold of, and could move in sympathy with. What was this but an importation of Hellenism, as we have defined it, into Hebraism? St. Paul used the contradiction between the Jew's profession and practice, his shortcomings on that very side of moral affection and moral conduct which the Jew and St. Paul, both of them, regarded as all in all . . . for a proof of the inadequacy of the old rule of life in the Jew's mechanical conception of it; and tried to rescue him by making his consciousness play freely around this rule,—that is, by a so far Hellenic treatment of it. Even so we, too, when we hear so much said of the growth of commercial immorality in our serious middle class, of the melting away of habits of strict probity before the temptation to get quickly rich and to cut a figure in the world; when we see,

at any rate, so much confusion of thought and of practice in this great representative class of our nation,—may we not be disposed to say, that this confusion shows that his new motive-power of grace and imputed righteousness has become to the Puritan as mechanical, and with as ineffective a hold upon his practice, as the old motive-power of the law was to the Jew? and that the remedy is the same as that which St. Paul employed,—an importation of what we have called Hellenism into his Hebraism, a making his consciousness flow freely round his petrified rule of life and renew it? Only with this difference: that whereas St. Paul imported Hellenism within the limits of our moral part only, this part being still treated by him as all in all; and whereas he well-nigh exhausted, one may say, and used to the very uttermost, the possibilities of fruitfully importing it on that side exclusively; we ought to try and import it,—guiding ourselves by the ideal of a human nature harmoniously perfect in all points,—into all the lines of our activity.

. . . . . .

Well, then, from all sides, the more we go into the matter, the currents seem to converge, and together to bear us along towards culture. If we look at the world outside us we find a disquieting absence of sure authority. We discover that only in right reason can we get a source of sure authority; and culture brings us towards right reason. If we look at our own inner world, we find all manner of confusion arising out of the habits of unintelligent routine and one-sided growth, to which a too exclusive worship of fire, strength, earnestness, and action, has brought us. What we want is a fuller harmonious development of our humanity, a free play of thought upon our routine notions, spontaneity of consciousness, sweetness and light; and these are just what culture generates and fosters. We will not stickle for a name,

and the name of culture one might easily give up, if only those who decry the frivolous and pedantic sort of culture, but wish at bottom for the same things as we do, would be careful on their part, not, in disparaging and discrediting the false culture, to unwittingly disparage and discredit, among a people with little natural reverence for it, the true also. But what we are concerned for is the thing, not the name; and the thing, call it by what name we will, is simply the enabling ourselves, by getting to know, whether through reading, observing, or thinking, the best that can at present be known in the world, to come as near as we can to the firm intelligible law of things, and thus to get a basis for a less confused action and a more complete perfection than we have at present.

And now, therefore, when we are accused of preaching up a spirit of cultivated inaction, of provoking the earnest lovers of action, of refusing to lend a hand at uprooting certain definite evils, of despairing to find any lasting truth to minister to the diseased spirit of our time, we shall not be so much confounded and embarrassed what to answer for ourselves. We shall say boldly that we do not at all despair of finding some lasting truth to minister to the diseased spirit of our time; but that we have discovered the best way of finding this to be not so much by lending a hand to our friends and countrymen in their actual operations for the removal of certain definite evils, but rather in getting our friends and countrymen to seek culture, to let their consciousness play freely round their present operations and the stock notions on which they are founded, show what these are like, and how related to the intelligible law of things, and auxiliary to true human perfection.

QUESTIONS

1. What is Wordsworth's objection to criticism which Arnold quotes?

2. What is Arnold's answer?

3. What, in his opinion, is the value of criticism to the creative writer?

4. What is the point to his comparison of Byron and Goethe? To his criticism of the English poetry of the Romantic Revival?

5. Compare Arnold's point about the word *curiosity* to that made by him at the beginning of the essay on "Sweetness and Light."

6. Why does Arnold consider criticism especially important for England at the time he is writing?

7. What rule would he prescribe for its activity, and why?

8. What is his answer to the objection that this course is slow and not practical?

9. What would he have the critic take for his subject-matter?

10. How does Arnold's idea of the function of the critic relate to the occupation of judging new books?

XI

THE FUNCTION OF CRITICISM AT THE PRESENT TIME

(*Essays in Criticism*, I)

MANY objections have been made to a proposition which, in some remarks of mine on translating Homer,[1] I ventured to put forth; a proposition about criticism, and its importance at the present day. I said: "Of the literature of France and Germany, as of the intellect of Europe in general, the main effort, for now many years, has been a critical effort; the endeavor, in all branches of knowledge, theology, philosophy, history, art, science, to see the object as in itself it really is." I added, that owing to the operation in English literature of certain causes, "almost the last thing for which one would come to English literature is just that very thing which now Europe most desires,—criticism"; and that the power and value of English literature was thereby impaired. More than one rejoinder declared that the importance I here assigned to criticism was excessive, and asserted the inherent superiority of the creative effort of the human spirit over its critical effort. And the other day, having been led by a Mr. Shairp's excellent notice of Wordsworth[2] to

[1] *On Translating Homer* (1883), p. 199.

[2] Published in the *North British Review*, Vol. XLI, p. 1, ff. (Aug., 1864). J. C. Shairp was Professor of Poetry at Oxford, 1877-84.

Arnold appended here the following note:

"I cannot help thinking that a practice, common in England during the last century, and still followed in France, of printing a notice of this kind,—a notice by a competent critic,—to serve as

turn again to his biography, I found, in the words of this great man, whom I, for one, must always listen to with the profoundest respect, a sentence passed on the critic's business, which seems to justify every possible disparagement of it. Wordsworth says in one of his letters:—

"The writers in these publications" (the Reviews), "while they prosecute their inglorious employment, can not be supposed to be in a state of mind very favorable for being affected by the finer influences of a thing so pure as genuine poetry." [1]

And a trustworthy reporter of his conversation quotes a more elaborate judgment to the same effect:—

"Wordsworth holds the critical power very low, infinitely lower than the inventive; and he said to-day that if the quantity of time consumed in writing critiques on the works of others were given to original composition, of whatever kind it might be, it would be much better employed; it would make a man find out sooner his own level, and it would do infinitely less mischief. A false or malicious criticism may do much injury to the minds of others, a stupid invention, either in prose or verse, is quite harmless." [2]

It is almost too much to expect of poor human nature, that a man capable of producing some effect in one line of

an introduction to an eminent author's works, might be revived among us with advantage. To introduce all succeeding editions of Wordsworth, Mr. Shairp's notice might, it seems to me, excellently serve; it is written from the point of view of an admirer, nay, of a disciple, and that is right; but then the disciple must be also, as in this case he is, a critic, a man of letters, not, as too often happens, some relation or friend with no qualification for his task except affection for his author."

[1] The quotation is from Wordsworth's letter of Jan. 12, 1816, to Mr. Bernard Barton, printed in Canon Christopher Wordsworth's *Memoirs of William Wordsworth* (1851), II, 52-4.

[2] Quoted from Lady Richardson's reminiscences of Wordsworth. See Grosart: *Prose Works of William Wordsworth,* III, 438-9.

literature, should, for the greater good of society, voluntarily doom himself to impotence and obscurity in another. Still less is this to be expected from men addicted to the composition of the "false or malicious criticism" of which Wordsworth speaks. However, everybody would admit that a false or malicious criticism had better never have been written. Everybody, too, would be willing to admit, as a general proposition, that the critical faculty is lower than the inventive. But is it true that criticism is really, in itself, a baneful and injurious employment; is it true that all time given to writing critiques on the works of others would be much better employed if it were given to original composition, of whatever kind this may be? Is it true that Johnson had better have gone on producing more *Irenes* instead of writing his *Lives of the Poets;* nay, is it certain that Wordsworth himself was better employed in making his Ecclesiastical Sonnets than when he made his celebrated Preface[1] so full of criticism, and criticism of the works of others? Wordsworth was himself a great critic, and it is to be sincerely regretted that he has not left us more criticism; Goethe was one of the greatest of critics, and we may sincerely congratulate ourselves that he has left us so much criticism. Without wasting time over the exaggeration which Wordsworth's judgment on criticism clearly contains, or over an attempt to trace the causes,—not difficult, I think, to be traced,—which may have led Wordsworth to this exaggeration, a critic may with advantage seize an occasion for trying his own conscience, and for asking himself of what real service at any given moment the practice of criticism either is or may be made to his own mind and spirit, and to the minds and spirits of others.

The critical power is of lower rank than the creative. True; but in assenting to this proposition, one or two things

[1] The "Preface to the *Lyrical Ballads*."

are to be kept in mind. It is undeniable that the exercise of a creative power, that a free creative activity, is the highest function of man; it is proved to be so by man's finding in it his true happiness. But it is undeniable, also, that men may have the sense of exercising this free creative activity in other ways than in producing great works of literature or art; if it were not so, all but a very few men would be shut out from the true happiness of all men. They may have it in well-doing, they may have it in learning, they may have it even in criticising. This is one thing to be kept in mind. Another is, that the exercise of the creative power in the production of great works of literature or art, however high this exercise of it may rank, is not at all epochs and under all conditions possible; and that therefore labor may be vainly spent in attempting it, which might with more fruit be used in preparing for it, in rendering it possible. This creative power works with elements, with materials; what if it has not those materials, those elements, ready for its use? In that case it must surely wait till they are ready. Now, in literature,—I will limit myself to literature, for it is about literature that the question arises,—the elements with which the creative power works are ideas; the best ideas on every matter which literature touches, current at the time. At any rate we may lay it down as certain that in modern literature no manifestation of the creative power not working with these can be very important or fruitful. And I say *current* at the time, not merely accessible at the time; for creative literary genius does not principally show itself in discovering new ideas: that is rather the business of the philosopher. The grand work of literary genius is a work of synthesis and exposition, not of analysis and discovery; its gift lies in the faculty of being happily inspired by a certain intellectual and spiritual atmosphere, by a certain order of ideas, when it finds itself in them; of dealing divinely with these ideas, pre-

senting them in the most effective and attractive combinations,—making beautiful works with them, in short. But it must have the atmosphere, it must find itself amidst the order of ideas, in order to work freely; and these it is not so easy to command. This is why great creative epochs in literature are so rare, this is why there is so much that is unsatisfactory in the productions of many men of real genius; because, for the creation of a master-work of literature two powers must concur, the power of the man and the power of the moment, and the man is not enough without the moment; the creative power has, for its happy exercise, appointed elements, and those elements are not in its own control.

Nay, they are more within the control of the critical power. It is the business of the critical power, as I said in the words already quoted, "in all branches of knowledge, theology, philosophy, history, art, science, to see the object as in itself it really is." Thus it tends, at last, to make an intellectual situation of which the creative power can profitably avail itself. It tends to establish an order of ideas, if not absolutely true, yet true by comparison with that which it displaces; to make the best ideas prevail. Presently these new ideas reach society, the touch of truth is the touch of life, and there is a stir and growth everywhere; out of this stir and growth come the creative epochs of literature.[1]

Or, to narrow our range, and quit these considerations of the general march of genius and of society,—considerations which are apt to become too abstract and impalpable,—everyone can see that a poet, for instance, ought to know

[1] In this sense, in stimulating thought, in creating a current of true and fresh ideas, all the selections in this volume tend to fulfill what Arnold describes as the function of criticism. That function is important in enabling the reader to appreciate and understand great literature, as well as in enabling the genius to create it.

life and the world before dealing with them in poetry; and life and the world being in modern times very complex things, the creation of a modern poet, to be worth much, implies a great critical effort behind it; else it must be a comparatively poor, barren, and short-lived affair. This is why Byron's poetry had so little endurance in it, and Goethe's so much; both Byron and Goethe had a great productive power, but Goethe's was nourished by a great critical effort providing the true materials for it, and Byron's was not; Goethe knew life and the world, the poet's necessary subjects, much more comprehensively and thoroughly than Byron. He knew a great deal more of them, and he knew them much more as they really are.

It has long seemed to me that the burst of creative activity in our literature, through the first quarter of this century, had about it in fact something premature; and that from this cause its productions are doomed, most of them, in spite of the sanguine hopes which accompanied and do still accompany them, to prove hardly more lasting than the productions of far less splendid epochs. And this prematureness comes from its having proceeded without having its proper data, without sufficient materials to work with. In other words, the English poetry of the first quarter of this century, with plenty of energy, plenty of creative force, did not know enough. This makes Byron so empty of matter, Shelley so incoherent, Wordsworth even, profound as he is, yet so wanting in completeness and variety. Wordsworth cared little for books, and disparaged Goethe. I admire Wordsworth, as he is, so much that I cannot wish him different; and it is vain, no doubt, to imagine such a man different from what he is, to suppose that he *could* have been different. But surely the one thing wanting to make Wordsworth an even greater poet than he is,—his thought richer, and his influence of wider application,—was that he

should have read more books, among them, no doubt, those of that Goethe whom he disparaged without reading him.[1]

But to speak of books and reading may easily lead to a misunderstanding here. It was not really books and reading that lacked to our poetry at this epoch; Shelley had plenty of reading, Coleridge had immense reading. Pindar and Sophocles—as we all say so glibly, and often with so little discernment of the real import of what we are saying—had not many books; Shakespeare was no deep reader. True; but in the Greece of Pindar and Sophocles, in the England of Shakespeare, the poet lived in a current of ideas in the highest degree animating and nourishing to the creative power; society was, in the fullest measure, permeated by fresh thought, intelligent and alive. And this state of things is the true basis for the creative power's exercise, in this it finds its data, its materials, truly ready for its hand; all the books and reading in the world are only valuable as they are helps to this. Even when this does not actually exist, books and reading may enable a man to construct a kind of semblance of it in his own mind, a world of knowledge and intelligence in which he may live and work. This is by no means an equivalent to the artist for the nationally diffused life and thought of the epochs of Sophocles or Shakespeare; but, besides that it may be a means of preparation for such epochs, it does really constitute, if many share in it, a quickening and sustaining atmosphere of great value. Such an atmosphere the many-sided learning and the long and widely combined critical effort of Germany formed for Goethe,

[1] See Grosart, *Prose Works of William Wordsworth*, III, 435-6 and 465. Among other things, Wordsworth says: "I have tried to read Goethe. I could never succeed . . . there is a profligacy, an inhuman sensuality, in his works which is utterly revolting. . . . He had not sufficiently clear moral perceptions to make him anything but an artificial writer."

when he lived and worked. There was no national glow of life and thought there as in the Athens of Pericles or the England of Elizabeth. That was the poet's weakness. But there was a sort of equivalent for it in the complete culture and unfettered thinking of a large body of Germans. That was his strength. In the England of the first quarter of this century there was neither a national glow of life and thought, such as we had in the age of Elizabeth, nor yet a culture and a force of learning and criticism such as were to be found in Germany. Therefore the creative power of poetry wanted, for success in the highest sense, materials and a basis; a thorough interpretation of the world was necessarily denied to it.

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The notion of the free play of the mind upon all subjects being a pleasure in itself, being an object of desire, being an essential provider of elements without which a nation's spirit, whatever compensations it may have for them, must, in the long run, die of inanition, hardly enters into an Englishman's thoughts. It is noticeable that the word *curiosity*, which in other languages is used in a good sense, to mean, as a high and fine quality of man's nature, just this disinterested love of a free play of the mind on all subjects, for its own sake,—it is noticeable, I say, that this word has in our language no sense of the kind, no sense but a rather bad and disparaging one.[1] But criticism, real criticism, is essentially the exercise of this very quality. It obeys an instinct prompting it to try to know the best that is known and thought in the world, irrespectively of practice, politics, and everything of the kind; and to value knowledge and thought as they approach this best, without the intrusion of any other considerations whatever. This is an instinct for which

[1] Compare the first paragraphs of Essay VI, "Sweetness and Light."

there is, I think, little original sympathy in the practical English nature, and what there was of it has undergone a long benumbing period of blight and suppression in the epoch of concentration which followed the French Revolution.

But epochs of concentration cannot well endure forever; epochs of expansion, in the due course of things, follow them. Such an epoch of expansion seems to be opening in this country. In the first place all danger of a hostile forcible pressure of foreign ideas upon our practice has long disappeared; like the traveler in the fable, therefore, we begin to wear our cloak a little more loosely. Then, with a long peace, the ideas of Europe steal gradually and amicably in, and mingle, though in infinitesimally small quantities at a time, with our own notions. Then, too, in spite of all that is said about the absorbing and brutalizing influence of our passionate material progress, it seems to me indisputable that this progress is likely, though not certain, to lead in the end to an apparition of intellectual life; and that man, after he has made himself perfectly comfortable and has now to determine what to do with himself next, may begin to remember that he has a mind, and that the mind may be made the source of great pleasure. I grant it is mainly the privilege of faith, at present, to discern this end to our railways, our business, and our fortune-making; but we shall see if, here as elsewhere, faith is not in the end the true prophet. Our ease, our traveling, and our unbounded liberty to hold just as hard and securely as we please to the practice to which our notions have given birth, all tend to beget an inclination to deal a little more freely with these notions themselves, to canvass them a little, to penetrate a little into their real nature. Flutterings of curiosity, in the foreign sense of the word, appear amongst us, and it is in these that criticism must look to find its account. Criticism first; a time of true

creative activity, perhaps,—which, as I have said, must inevitably be preceded amongst us by a time of criticism,—hereafter, when criticism has done its work.

It is of the last importance that English criticism should clearly discern what rule for its course, in order to avail itself of the field now opening to it, and to produce fruit for the future, it ought to take. The rule may be summed up in one word,—*disinterestedness*. And how is criticism to show disinterestedness? By keeping aloof from what is called "the practical view of things"; by resolutely following the law of its own nature, which is to be a free play of the mind on all subjects which it touches. By steadily refusing to lend itself to any of those ulterior, political, practical considerations about ideas, which plenty of people will be sure to attach to them, which perhaps ought often to be attached to them, which in this country at any rate are certain to be attached to them quite sufficiently, but which criticism has really nothing to do with. Its business is, as I have said, simply to know the best that is known and thought in the world, and by in its turn making this known, to create a current of true and fresh ideas. Its business is to do this with inflexible honesty, with due ability; but its business is to do no more, and to leave alone all questions of practical consequences and applications, questions which will never fail to have due prominence given to them. Else criticism, besides being really false to its own nature, merely continues in the old rut which it has hitherto followed in this country, and will certainly miss the chance now given to it. For what is at present the bane of criticism in this country? It is that practical considerations cling to it and stifle it. It subserves interests not its own. Our organs of criticism are organs of men and parties having practical ends to serve, and with them those practical ends are the first thing and the play of mind the second; so much play of

mind as is compatible with the prosecution of those practical ends is all that is wanted. An organ like the *Revue des Deux Mondes,* having for its main function to understand and utter the best that is known and thought in the world, existing, it may be said, as just an organ for a free play of the mind, we have not. But we have the *Edinburgh Review,* existing as an organ of the old Whigs, and for as much play of the mind as may suit its being that; we have the *Quarterly Review,* existing as an organ of the Tories, and for as much play of mind as may suit its being that; we have the *British Quarterly Review,* existing as an organ of the political Dissenters, and for as much play of mind as may suit its being that; we have the *Times,* existing as an organ of the common, satisfied, well-to-do Englishman, and for as much play of mind as may suit its being that. And so on through all the various fractions, political and religious, of our society; every fraction has, as such, its organ of criticism, but the notion of combining all fractions in the common pleasure of a free disinterested play of mind meets with no favor. Directly this play of mind wants to have more scope, and to forget the pressure of practical considerations a little, it is checked, it is made to feel the chain. We saw this the other day in the extinction, so much to be regretted, of the *Home and Foreign Review.* Perhaps in no organ of criticism in this country was there so much knowledge, so much play of mind; but these could not save it. The *Dublin Review* subordinates play of mind to the practical business of English and Irish Catholicism, and lives. It must needs be that men should act in sects and parties, that each of these sects and parties should have its organ, and should make this organ subserve the interests of its action; but it would be well, too, that there should be a criticism, not the minister of these interests, not their enemy, but absolutely and entirely independent of them. No other criticism will ever at-

tain any real authority or make any real way towards its end,—the creating a current of true and fresh ideas.

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It will be said that it is a very subtle and indirect action which I am thus prescribing for criticism, and that, by embracing in this manner the Indian virtue of detachment and abandoning the sphere of practical life, it condemns itself to a slow and obscure work. Slow and obscure it may be, but it is the only proper work of criticism. The mass of mankind will never have any ardent zeal for seeing things as they are; very inadequate ideas will always satisfy them. On these inadequate ideas reposes, and must repose, the general practice of the world. That is as much as saying that whoever sets himself to see things as they are will find himself one of a very small circle; but it is only by this small circle resolutely doing its own work that adequate ideas will ever get current at all. The rush and roar of practical life will always have a dizzying and attracting effect upon the most collected spectator, and tend to draw him into its vortex; most of all will this be the case where that life is so powerful as it is in England. But it is only by remaining collected, and refusing to lend himself to the point of view of the practical man, that the critic can do the practical man any service; and it is only by the greatest sincerity in pursuing his own course, and by at last convincing even the practical man of his sincerity, that he can escape misunderstandings which perpetually threaten him.

For the practical man is not apt for fine distinctions, and yet in these distinctions truth and the highest culture greatly find their account. But it is not easy to lead a practical man,—unless you reassure him as to your practical intentions, you have no chance of leading him,—to see that a thing which he has always been used to look at from one side only, which he greatly values, and which, looked at

from that side, quite deserves, perhaps, all the prizing and admiring which he bestows upon it,—that this thing, looked at from another side, may appear much less beneficent and beautiful, and yet retain all its claims to our practical allegiance. Where shall we find language innocent enough, how shall we make the spotless purity of our intentions evident enough, to enable us to say to the political Englishman that the British Constitution itself, which, seen from the practical side, looks such a magnificent organ of progress and virtue, seen from the speculative side,—with its compromises, its love of facts, its horror of theory, its studied avoidance of clear thoughts,—that, seen from this side, our august Constitution sometimes looks,—forgive me, shade of Lord Somers![1]—a colossal machine for the manufacture of Philistines? How is Cobbett[2] to say this and not be misunderstood, blackened as he is with the smoke of a lifelong conflict in the field of political practice? how is Mr. Carlyle to say it and not be misunderstood, after his furious raid into this field with his *Latter-day Pamphlets?* how is Mr. Ruskin, after his pugnacious political economy?[3] I say, the critic must keep out of the region of immediate practice in the political, social, humanitarian sphere, if he wants to make a beginning for that more free speculative treatment of things, which may perhaps one day make its benefits felt even in this sphere, but in a natural and thence irresistible manner.

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For criticism, these are elementary laws; but they never can be popular, and in this country they have been very

[1] Lord Somers (1651-1716), English statesman and jurist.

[2] William Cobbett (1762-1835), an English political writer of radical views, a friend of John Bright.

[3] For the economic views of Carlyle and Ruskin see, in addition to "*Unto this Last,*" in this volume, the fourth chapter of *College English.*

little followed, and one meets with immense obstacles in following them. That is a reason for asserting them again and again. Criticism must maintain its independence of the practical spirit and its aims. Even with well-meant efforts of the practical spirit it must express dissatisfaction, if in the sphere of the ideal they seem impoverishing and limiting. It must not hurry on to the goal because of its practical importance. It must be patient, and know how to wait; and flexible, and know how to attach itself to things and how to withdraw from them. It must be apt to study and praise elements that for the fullness of spiritual perfection are wanted, even though they belong to a power which in the practical sphere may be maleficent. It must be apt to discern the spiritual shortcomings or illusions of powers that in the practical sphere may be beneficent. And this without any notion of favoring or injuring, in the practical sphere, one power or the other; without any notion of playing off, in this sphere, one power against the other.

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If I have insisted so much on the course which criticism must take where politics and religion are concerned, it is because, where these burning matters are in question, it is most likely to go astray. I have wished, above all, to insist on the attitude which criticism should adopt towards things in general; on its right tone and temper of mind. But then comes another question as to the subject-matter which literary criticism should most seek. Here, in general, its course is determined for it by the idea which is the law of its being; the idea of a disinterested endeavor to learn and propagate the best that is known and thought in the world, and thus to establish a current of fresh and true ideas. By the very nature of things, as England is not all the world, much of the best that is known and thought in the world cannot be of English growth, must be foreign; by the nature of things,

again, it is just this that we are least likely to know, while English thought is streaming in upon us from all sides, and takes excellent care that we shall not be ignorant of its existence. The English critic of literature, therefore, must dwell much on foreign thought, and with particular heed on any part of it, which, while significant and fruitful in itself, is for any reason specially likely to escape him. Again, judging is often spoken of as the critic's one business, and so in some sense it is; but the judgment which almost insensibly forms itself in a fair and clear mind, along with fresh knowledge, is the valuable one; and thus knowledge, and ever fresh knowledge, must be the critic's great concern for himself. And it is by communicating fresh knowledge, and letting his own judgment pass along with it,—but insensibly, and in the second place, not the first, as a sort of companion and clew, not as an abstract lawgiver,—that the critic will generally do most good to his readers. Sometimes, no doubt, for the sake of establishing an author's place in literature, and his relation to a central standard (and if this is not done, how are we to get at our *best in the world?*) criticism may have to deal with a subject-matter so familiar that fresh knowledge is out of the question, and then it must be all judgment; an enunciation and detailed application of principles. Here the great safeguard is never to let oneself become abstract, always to retain an intimate and lively consciousness of the truth of what one is saying, and, the moment this fails us, to be sure that something is wrong. Still, under all circumstances, this mere judgment and application of principles is, in itself, not the most satisfactory work to the critic; like mathematics, it is tautological, and cannot well give us, like fresh learning, the sense of creative activity.

But stop, some one will say; all this talk is of no practical use to us whatever; this criticism of yours is not what we have in our minds when we speak of criticism; when we

speak of critics and criticism, we mean critics and criticism of the current English literature of the day; when you offer to tell criticism its function, it is to this criticism that we expect you to address yourself. I am sorry for it, for I am afraid I must disappoint these expectations. I am bound by my own definition of criticism: *a disinterested endeavor to learn and propagate the best that is known and thought in the world.* How much of current English literature comes into this "best that is known and thought in the world"? Not very much, I fear; certainly less, at this moment, than of the current literature of France or Germany. Well, then, am I to alter my definition of criticism, in order to meet the requirements of a number of practicing English critics, who, after all, are free in their choice of a business? That would be making criticism lend itself just to one of those alien practical considerations, which, I have said, are so fatal to it. One may say, indeed, to those who have to deal with the mass—so much better disregarded—of current English literature, that they may at all events endeavor, in dealing with this, to try it, so far as they can, by the standard of the best that is known and thought in the world; one may say, that to get anywhere near this standard, every critic should try and possess one great literature, at least, besides his own; and the more unlike his own, the better. But, after all, the criticism I am really concerned with,—the criticism which alone can much help us for the future, the criticism which, throughout Europe, is at the present day meant, when so much stress is laid on the importance of criticism and the critical spirit,—is a criticism which regards Europe as being, for intellectual and spiritual purposes, one great confederation, bound to a joint action and working to a common result; and whose members have, for their proper outfit, a knowledge of Greek, Roman, and Eastern antiquity, and of one another. Special, local, and temporary advan-

tages being put out of account, that modern nation will in the intellectual and spiritual sphere make most progress, which most thoroughly carries out this program. And what is that but saying that we too, all of us, as individuals, the more thoroughly we carry it out, shall make the more progress?

There is so much inviting us!—what are we to take? what will nourish us in growth towards perfection? That is the question which, with the immense field of life and of literature lying before him, the critic has to answer; for himself first, and afterwards for others. . . .

I conclude with what I said at the beginning: to have the sense of creative activity is the great happiness and the great proof of being alive, and it is not denied to criticism to have it; but then criticism must be sincere, simple, flexible, ardent, ever widening its knowledge. Then it may have, in no contemptible measure, a joyful sense of creative activity; a sense which a man of insight and conscience will prefer to what he might derive from a poor, starved, fragmentary, inadequate creation. And at some epochs no other creation is possible.

Still, in full measure, the sense of creative activity belongs only to genuine creation; in literature we must never forget that. But what true man of letters ever can forget it? It is no such common matter for a gifted nature to come into possession of a current of true and living ideas, and to produce amidst the inspiration of them, that we are likely to underrate it. The epochs of Æschylus and Shakespeare make us feel their pre-eminence. In an epoch like those is, no doubt, the true life of literature; there is the promised land, towards which criticism can only beckon. That promised land it will not be ours to enter, and we shall die in the wilderness: but to have desired to enter it, to have saluted it from afar, is already, perhaps, the best distinction among contemporaries; it will certainly be the best title to esteem with posterity.

QUESTIONS

(The student will understand certain parts of this essay better if he has first read Huxley's "Science and Culture," which forms Essay XV in this volume. Both essays are discussed in *College English,* ch. iii.)

1. What are the ideas of Plato which Arnold quotes about the handicrafts and working professions?

2. What objection to literary education is he considering?

3. What are Huxley's criticisms of Arnold's theory of culture?

4. What is Arnold's answer to them?

5. What is the real issue between the two men?

6. To what kind of scientific education does Arnold object?

7. What are the powers which he says go to the upbuilding of human life?

8. What does he consider to be the peculiar value of literature in education and in life? In what respect does he feel it to be superior to science?

9. What is his justification of mediæval education?

10. How do the paragraphs quoted from Arnold's Introduction to Ward's *English Poets* illustrate his position on the question of literature and science?

XII

LITERATURE AND SCIENCE

(*Discourses in America,* II)

PRACTICAL people talk with a smile of Plato and of his absolute ideas; and it is impossible to deny that Plato's ideas do often seem unpractical and impracticable, and especially when one views them in connection with the life of a great work-a-day world like the United States. The necessary staple of the life of such a world Plato regards with disdain; handicraft and trade and the working professions he regards with disdain; but what becomes of the life of an industrial modern community if you take handicraft and trade and the working professions out of it? The base mechanic arts and handicrafts, says Plato, bring about a natural weakness in the principle of excellence in a man, so that he cannot govern the ignoble growths in him, but nurses them, and cannot understand fostering any other. Those who exercise such arts and trades, as they have their bodies, he says, marred by their vulgar businesses, so they have their souls, too, bowed and broken by them. And if one of these uncomely people has a mind to seek self-culture and philosophy, Plato compares him to a bald little tinker,[1] who has scraped together money, and has got his release from service, and has had a bath, and bought a new coat, and is rigged out like a bridegroom about to marry the daughter of his master who has fallen into poor and helpless estate.

Nor do the working professions fare any better than trade

[1] *Republic,* vi, 495.

at the hands of Plato. He draws for us an inimitable picture of the working lawyer, and of his life of bondage; he shows how this bondage from his youth up has stunted and warped him, and made him small and crooked of soul, encompassing him with difficulties which he is not man enough to rely on justice and truth as means to encounter, but has recourse, for help out of them, to falsehood and wrong. And so, says Plato, this poor creature is bent and broken, and grows up from boy to man without a particle of soundness in him, although exceedingly smart and clever in his own esteem.[1]

One cannot refuse to admire the artist who draws these pictures. But we say to ourselves that his ideas show the influence of a primitive and obsolete order of things, when the warrior caste and the priestly caste were alone in honor, and the humble work of the world was done by slaves. We have now changed all that; the modern majority [2] consists in work, as Emerson declares; and in work, we may add, principally of such plain and dusty kind as the work of cultivators of the ground, handicraftsmen, men of trade and business, men of the working professions. Above all is this true in a great industrious community such as that of the United States.

Now education, many people go on to say, is still mainly governed by the ideas of men like Plato, who lived when the warrior caste and the priestly or philosophical class were alone in honor, and the really useful part of the community were slaves. It is an education fitted for persons of leisure in such a community. This education passed from Greece and Rome to the feudal communities of Europe, where also

[1] *Theaetetus*, 172-3.

[2] Emerson's sentence is: "Feudalism and Orientalism had long enough thought it majestic to do nothing; the modern majesty consists in work."—"Literary Ethics," Centenary Edition, I, 179.

the warrior caste and the priestly caste were alone held in honor, and where the really useful and working part of the community, though not nominally slaves as in the pagan world, were practically not much better off than slaves, and not more seriously regarded. And how absurd it is, people end by saying, to inflict this education upon an industrious modern community, where very few indeed are persons of leisure, and the mass to be considered has not leisure, but is bound, for its own great good, and for the great good of the world at large, to plain labor and to industrial pursuits, and the education in question tends necessarily to make men dissatisfied with these pursuits and unfitted for them!

That is what is said. So far I must defend Plato, as to plead that his view of education and studies is in the general, as it seems to me, sound enough, and fitted for all sorts and conditions of men, whatever their pursuits may be. "An intelligent man," says Plato, "will prize those studies which result in his soul getting soberness, righteousness, and wisdom, and will less value the others."[1] I cannot consider *that* a bad description of the aim of education, and of the motives which should govern us in the choice of studies, whether we are preparing ourselves for a hereditary seat in the English House of Lords or for the pork trade in Chicago.

Still I admit that Plato's world was not ours, that his scorn of trade and handicraft is fantastic, that he had no conception of a great industrial community such as that of the United States, and that such a community must and will shape its education to suit its own needs. If the usual education handed down to it from the past does not suit it, it will certainly before long drop this and try another. The usual education in the past has been mainly literary. The question is whether the studies which were long supposed to be the best for all of us are practically the best now; whether

[1] *Republic*, ix, 591.

others are not better. The tyranny of the past, many think, weighs on us injuriously in the predominance given to letters in education. The question is raised whether, to meet the needs of our modern life, the predominance ought not now to pass from letters to science; and naturally the question is nowhere raised with more energy than here in the United States. The design of abasing what is called "mere literary instruction and education," and of exalting what is called "sound, extensive, and practical scientific knowledge,"[1] is, in this intensely modern world of the United States, even more perhaps than in Europe, a very popular design, and makes great and rapid progress.

I am going to ask whether the present movement for ousting letters from their old predominance in education, and for transferring the predominance in education to the natural sciences, whether this brisk and flourishing movement ought to prevail, and whether it is likely that in the end it really will prevail. An objection may be raised which I will anticipate. My own studies have been almost wholly in letters, and my visits to the field of the natural sciences have been very slight and inadequate, although those sciences have always strongly moved my curiosity. A man of letters, it will perhaps be said, is not competent to discuss the comparative merits of letters and natural science as means of education. To this objection I reply, first of all, that his incompetence, if he attempts the discussion but is really incompetent for it, will be abundantly visible; nobody will be taken in; he will have plenty of sharp observers and critics to save mankind from that danger. But the line I am going to follow is, as you will soon discover, so extremely simple, that perhaps it may be followed without failure even by one

[1] These phrases are quoted by Huxley from Sir Josiah Mason. See "Science and Culture," Essay XV in this volume, opening paragraphs.

who for a more ambitious line of discussion would be quite incompetent.

Some of you may possibly remember a phrase of mine which has been the object of a good deal of comment; an observation to the effect that in our culture, the aim being *to know ourselves and the world*, we have, as the means to this end, *to know the best which has been thought and said in the world*.[1] A man of science, who is also an excellent writer and the very prince of debaters, Professor Huxley, in a discourse at the opening of Sir Josiah Mason's college at Birmingham, laying hold of this phrase, expanded it by quoting some more words of mine, which are these: "The civilized world is to be regarded as now being, for intellectual and spiritual purposes, one great confederation, bound to a joint action and working to a common result; and whose members have for their proper outfit a knowledge of Greek, Roman, and Eastern antiquity, and of one another. Special local and temporary advantages being put out of account, that modern nation will in the intellectual and spiritual sphere make most progress, which most thoroughly carries out this programme."

Now on my phrase, thus enlarged, Professor Huxley remarks that when I speak of the above-mentioned knowledge as enabling us to know ourselves and the world, I assert *literature* to contain the materials which suffice for thus making us know ourselves and the world. But it is not by any means clear, says he, that after having learnt all which ancient and modern literatures have to tell us, we have laid a sufficiently broad and deep foundation for that criticism of life, that knowledge of ourselves and the world, which

[1] Arnold repeats this frequently in the "Function of Criticism." See pp. 210, 212, and 218. The longer passage following is from pp. 218-19. Huxley quotes it in his "Science and Culture," pp. 279-80. The many other cross-references between the two essays are too easily traced to need mention in these footnotes.

constitutes culture. On the contrary, Professor Huxley declares that he finds himself "wholly unable to admit that either nations or individuals will really advance, if their outfit draws nothing from the stores of physical science. An army without weapons of precision, and with no particular base of operations, might more hopefully enter upon a campaign on the Rhine, than a man, devoid of a knowledge of what physical science has done in the last century, upon a criticism of life."

This shows how needful it is for those who are to discuss any matter together, to have a common understanding as to the sense of the terms they employ,—how needful, and how difficult. What Professor Huxley says, implies just the reproach which is so often brought against the study of *belles-lettres,* as they are called: that the study is an elegant one, but slight and ineffectual; a smattering of Greek and Latin and other ornamental things, of little use for anyone whose object is to get at truth, and to be a practical man. So, too, M. Renan talks of the "superficial humanism" of a school-course which treats us as if we were all going to be poets, writers, preachers, orators, and he opposes this humanism to positive science, or the critical search after truth.[1] And there is always a tendency in those who are remonstrating against the predominance of letters in education, to understand by letters *belles-lettres,* and by *belles-lettres* a superficial humanism, the opposite of science or true knowledge.

But when we talk of knowing Greek and Roman antiquity, for instance, which is the knowledge people have called the humanities, I for my part mean a knowledge which is something more than a superficial humanism, mainly decora-

[1] See in Renan's *Questions Contemporaines* the essay on "L'Instruction supérieure en France," especially pp. 93-7, of the Calmann-Lévy edition.

tive. "I call all teaching *scientific*," says Wolf, the critic of Homer, "which is systematically laid out and followed up to its original sources. For example: a knowledge of classical antiquity is scientific when the remains of classical antiquity are correctly studied in the original languages." There can be no doubt that Wolf is perfectly right; that all learning is scientific which is systematically laid out and followed up to its original sources, and that a genuine humanism is scientific.

When I speak of knowing Greek and Roman antiquity, therefore, as a help to knowing ourselves and the world, I mean more than a knowledge of so much vocabulary, so much grammar, so many portions of authors in the Greek and Latin languages, I mean knowing the Greeks and Romans, and their life and genius, and what they were and did in the world; what we get from them, and what is its value. That, at least, is the ideal; and when we talk of endeavoring to know Greek and Roman antiquity, as a help to knowing ourselves and the world, we mean endeavoring so to know them as to satisfy this ideal, however much we may still fall short of it.

The same also as to knowing our own and other modern nations, with the like aim of getting to understand ourselves and the world. To know the best that has been thought and said by the modern nations, is to know, says Professor Huxley, "only what modern *literatures* have to tell us; it is the criticism of life contained in modern literature." And yet "the distinctive character of our times," he urges, "lies in the vast and constantly increasing part which is played by natural knowledge." And how, therefore, can a man, devoid of knowledge of what physical science has done in the last century, enter hopefully upon a criticism of modern life?

Let us, I say, be agreed about the meaning of the terms

we are using. I talk of knowing the best which has been thought and uttered in the world; Professor Huxley says this means knowing *literature*. Literature is a large word; it may mean everything written with letters or printed in a book. Euclid's *Elements* and Newton's *Principia* are thus literature. All knowledge that reaches us through books is literature. But by literature Professor Huxley means *belles-lettres*. He means to make me say, that knowing the best which has been thought and said by the modern nations is knowing their *belles-lettres* and no more. And this is no sufficient equipment, he argues, for a criticism of modern life. But as I do not mean, by knowing ancient Rome, knowing merely more or less of Latin *belles-lettres*, and taking no account of Rome's military, and political, and legal, and administrative work in the world; and as, by knowing ancient Greece, I understand knowing her as the giver of Greek art, and the guide to a free and right use of reason and to scientific method, and the founder of our mathematics and physics and astronomy and biology, —I understand knowing her as all this, and not merely knowing certain Greek poems, and histories, and treatises, and speeches,—so as to the knowledge of modern nations also. By knowing modern nations, I mean not merely knowing their *belles-lettres*, but knowing also what has been done by such men as Copernicus, Galileo, Newton, Darwin. "Our ancestors learned," says Professor Huxley, "that the earth is the center of the visible universe, and that man is the cynosure of things terrestrial; and more especially was it inculcated that the course of nature had no fixed order, but that it could be, and constantly was, altered." But for us now, continues Professor Huxley, "the notions of the beginning and the end of the world entertained by our forefathers are no longer credible. It is very certain that the earth is not the chief body in the

material universe, and that the world is not subordinated to man's use. It is even more certain that nature is the expression of a definite order, with which nothing interferes." "And yet," he cries, "the purely classical education advocated by the representatives of the humanists in our day gives no inkling of all this!"

In due place and time I will just touch upon that vexed question of classical education; but at present the question is as to what is meant by knowing the best which modern nations have thought and said. It is not knowing their *belles-lettres* merely which is meant. To know Italian *belles-lettres,* is not to know Italy, and to know English *belles-lettres* is not to know England. Into knowing Italy and England there comes a great deal more, Galileo and Newton amongst it. The reproach of being a superficial humanism, a tincture of *belles-lettres,* may attach rightly enough to some other disciplines; but to the particular discipline recommended when I proposed knowing the best that has been thought and said in the world, it does not apply. In that best I certainly include what in modern times has been thought and said by the great observers and knowers of nature.

There is, therefore, really no question between Professor Huxley and me as to whether knowing the great results of the modern scientific study of nature is not required as a part of our culture, as well as knowing the products of literature and art. But to follow the processes by which those results are reached, ought, say the friends of physical science, to be made the staple of education for the bulk of mankind. And here there does arise a question between those whom Professor Huxley calls with playful sarcasm "the Levites of culture," [1] and those whom the poor humanist is sometimes apt to regard as its Nebuchadnezzars.

[1] See page 275, below.

The great results of the scientific investigation of nature we are agreed upon knowing, but how much of our study are we bound to give to the processes by which those results are reached? The results have their visible bearing on human life. But all the processes, too, all the items of fact, by which those results are reached and established, are interesting. All knowledge is interesting to a wise man, and the knowledge of nature is interesting to all men. It is very interesting to know, that, from the albuminous white of the egg, the chick in the egg gets the materials for its flesh, bones, blood, and feathers; while from the fatty yolk of the egg, it gets the heat and energy which enable it at length to break its shell and begin the world. It is less interesting, perhaps, but still it is interesting, to know that when a taper burns, the wax is converted into carbonic acid and water. Moreover, it is quite true that the habit of dealing with facts, which is given by the study of nature, is, as the friends of physical science praise it for being, an excellent discipline. The appeal, in the study of nature, is constantly to observation and experiment; not only is it said that the thing is so, but we can be made to see that it is so. Not only does a man tell us that when a taper burns the wax is converted into carbonic acid and water, as a man may tell us, if he likes, that Charon is punting his ferry-boat on the river Styx, or that Victor Hugo is a sublime poet, or Mr. Gladstone the most admirable of statesmen; but we are made to see that the conversion into carbonic acid and water does actually happen. This reality of natural knowledge it is, which makes the friends of physical science contrast it, as a knowledge of things, with the humanist's knowledge, which is, say they, a knowledge of words. And hence Professor Huxley is moved to lay it down that, "for the purpose of attaining real culture, an exclusively scientific education is at least as effectual as an exclusively literary

education." And a certain President of the Section for Mechanical Science in the British Association is, in Scripture phrase, "very bold," and declares that if a man, in his mental training, "has substituted literature and history for natural science, he has chosen the less useful alternative." But whether we go these lengths or not, we must all admit that in natural science the habit gained of dealing with facts is a most valuable discipline, and that everyone should have some experience of it.

More than this, however, is demanded by the reformers. It is proposed to make the training in natural science the main part of education, for the great majority of mankind at any rate. And here, I confess, I part company with the friends of physical science, with whom up to this point I have been agreeing. In differing from them, however, I wish to proceed with the utmost caution and diffidence. The smallness of my own acquaintance with the disciplines of natural science is ever before my mind, and I am fearful of doing these disciplines an injustice. The ability and pugnacity of the partisans of natural science make them formidable persons to contradict. The tone of tentative inquiry, which befits a being of dim faculties and bounded knowledge, is the tone I would wish to take and not to depart from. At present it seems to me, that those who are for giving to natural knowledge, as they call it, the chief place in the education of the majority of mankind, leave one important thing out of their account: the constitution of human nature. But I put this forward on the strength of some facts not at all recondite, very far from it; facts capable of being stated in the simplest possible fashion, and to which, if I so state them, the man of science will, I am sure, be willing to allow their due weight.

Deny the facts altogether, I think, he hardly can. He can hardly deny, that when we set ourselves to enumerate

the powers which go to the building up of human life, and say that they are the power of conduct, the power of intellect and knowledge, the power of beauty, and the power of social life and manners,—he can hardly deny that this scheme, though drawn in rough and plain lines enough, and not pretending to scientific exactness, does yet give a fairly true representation of the matter. Human nature is built up by these powers; we have the need for them all. When we have rightly met and adjusted the claims of them all, we shall then be in a fair way for getting soberness and righteousness, with wisdom. This is evident enough, and the friends of physical science would admit it.

But perhaps they may not have sufficiently observed another thing: namely, that the several powers just mentioned are not isolated, but there is, in the generality of mankind, a perpetual tendency to relate them one to another in divers ways. With one such way of relating them I am particularly concerned now. Following our instinct for intellect and knowledge, we acquire pieces of knowledge; and presently, in the generality of men, there arises the desire to relate these pieces of knowledge to our sense for conduct, to our sense for beauty,—and there is weariness and dissatisfaction if the desire is balked. Now in this desire lies, I think, the strength of that hold which letters have upon us.

All knowledge is, as I said just now, interesting; and even items of knowledge which from the nature of the case cannot well be related, but must stand isolated in our thoughts, have their interest. Even lists of exceptions have their interest. If we are studying Greek accents, it is interesting to know that *pais* and *pas,* and some other monosyllables of the same form of declension, do not take the circumflex upon the last syllable of the genitive plural, but vary, in this respect, from the common rule. If we are studying physiology, it is interesting to know that the pulmonary artery

carries dark blood and the pulmonary vein carries bright blood, departing in this respect from the common rule for the division of labor between the veins and the arteries. But everyone knows how we seek naturally to combine the pieces of our knowledge together, to bring them under general rules, to relate them to principles; and how unsatisfactory and tiresome it would be to go on forever learning lists of exceptions, or accumulating items of fact which must stand isolated.

Well, that same need of relating our knowledge, which operates here within the sphere of our knowledge itself, we shall find operating, also, outside that sphere. We experience, as we go on learning and knowing,—the vast majority of us experience,—the need of relating what we have learnt and known to the sense which we have in us for conduct, to the sense which we have in us for beauty.

A certain Greek prophetess of Mantineia in Arcadia, Diotima by name, once explained to the philosopher Socrates that love, and impulse, and bent of all kinds, is, in fact, nothing else but the desire in men that good should forever be present to them. This desire for good, Diotima assured Socrates, is our fundamental desire, of which fundamental desire every impulse in us is only some one particular form.[1] And therefore this fundamental desire it is, I suppose,—this desire in men that good should be forever present to them,—which acts in us when we feel the impulse for relating our knowledge to our sense for conduct and to our sense for beauty. At any rate, with men in general the instinct exists. Such is human nature. And the instinct, it will be admitted, is innocent, and human nature is preserved by our following the lead of its innocent instincts. Therefore, in seeking to gratify this instinct in question, we are following the instinct of self-preservation in humanity.

[1] Plato, *Symposium*, 201-212.

But, no doubt, some kinds of knowledge cannot be made to directly serve the instinct in question, cannot be directly related to the sense for beauty, to the sense for conduct. These are instrument-knowledges; they lead on to other knowledges, which can. A man who passes his life in instrument-knowledges is a specialist. They may be invaluable as instruments to something beyond, for those who have the gift thus to employ them; and they may be disciplines in themselves wherein it is useful for everyone to have some schooling. But it is inconceivable that the generality of men should pass all their mental life with Greek accents or with formal logic. My friend Professor Sylvester,[1] who is one of the first mathematicians in the world, holds transcendental doctrines as to the virtue of mathematics, but those doctrines are not for common men. In the very Senate House and heart of our English Cambridge I once ventured, though not without an apology for my profaneness, to hazard the opinion that for the majority of mankind a little of mathematics, even, goes a long way. Of course this is quite consistent with their being of immense importance as an instrument to something else; but it is the few who have the aptitude for thus using them, not the bulk of mankind.

The natural sciences do not, however, stand on the same footing with these instrument-knowledges. Experience shows us that the generality of men will find more interest in learning that, when a taper burns, the wax is converted into carbonic acid and water, or in learning the explanation of the phenomenon of dew, or in learning how the circulation of the blood is carried on, than they find in learning that the genitive plural of *pais* and *pas* does not take the circumflex on the termination. And one piece of natural knowledge

[1] James Joseph Sylvester (1814-97), professor of mathematics at Johns Hopkins University and later at Oxford.

is added to another, and others are added to that, and at last we come to propositions so interesting as Mr. Darwin's famous proposition that "our ancestor was a hairy quadruped furnished with a tail and pointed ears, probably arboreal in his habits." Or we come to propositions of such reach and magnitude as those which Professor Huxley delivers, when he says that the notions of our forefathers about the beginning and the end of the world were all wrong, and that nature is the expression of a definite order with which nothing interferes.

Interesting, indeed, these results of science are, important they are, and we should all of us be acquainted with them. But what I now wish you to mark is, that we are still, when they are propounded to us and we receive them, we are still in the sphere of intellect and knowledge. And for the generality of men there will be found, I say, to arise, when they have duly taken in the proposition that their ancestor was "a hairy quadruped furnished with a tail and pointed ears, probably arboreal in his habits," there will be found to arise an invincible desire to relate this proposition to the sense in us for conduct, and to the sense in us for beauty. But this the men of science will not do for us, and will hardly even profess to do. They will give us other pieces of knowledge, other facts, about other animals and their ancestors, or about plants, or about stones, or about stars; and they may finally bring us to those great "general conceptions of the universe, which are forced upon us all," says Professor Huxley, "by the progress of physical science." But still it will be *knowledge* only which they give us; knowledge not put for us into relation with our sense for conduct, our sense for beauty, and touched with emotion by being so put; not thus put for us, and therefore, to the majority of mankind, after a certain while, unsatisfying, wearying.

Not to the born naturalist, I admit. But what do we mean by a born naturalist? We mean a man in whom the zeal for observing nature is so uncommonly strong and eminent, that it marks him off from the bulk of mankind. Such a man will pass his life happily in collecting natural knowledge and reasoning upon it, and will ask for nothing, or hardly anything, more. I have heard it said that the sagacious and admirable naturalist whom we lost not very long ago, Mr. Darwin, once owned to a friend that for his part he did not experience the necessity for two things which most men find so necessary to them,—religion and poetry; science and the domestic affections, he thought, were enough. To a born naturalist, I can well understand that this should seem so. So absorbing is his occupation with nature, so strong his love for his occupation, that he goes on acquiring natural knowledge and reasoning upon it, and has little time or inclination for thinking about getting it related to the desire in man for conduct, the desire in man for beauty. He relates it to them for himself as he goes along, so far as he feels the need; and he draws from the domestic affections all the additional solace necessary. But then Darwins are extremely rare. Another great and admirable master of natural knowledge, Faraday, was a Sandemanian.[1] That is to say, he related his knowledge to his instinct for conduct and to his instinct for beauty, by the aid of that respectable Scottish sectary, Robert Sandeman. And so strong, in general, is the demand of religion and poetry to have their share in a man, to associate themselves with his knowing, and to relieve and rejoice it, that, probably, for one man amongst us with the disposition to do as Darwin did in this respect, there are at least fifty with the disposition to do as Faraday.

Education lays hold upon us, in fact, by satisfying this

[1] See p. 195 in this volume, note 2.

demand. Professor Huxley holds up to scorn mediæval education, with its neglect of the knowledge of nature, its poverty even of literary studies, its formal logic devoted to "showing how and why that which the Church said was true must be true." But the great mediæval Universities were not brought into being, we may be sure, by the zeal for giving a jejune and contemptible education. Kings have been their nursing fathers, and queens have been their nursing mothers, but not for this. The mediæval Universities came into being, because the supposed knowledge, delivered by Scripture and the Church, so deeply engaged men's hearts, by so simply, easily, and powerfully relating itself to their desire for conduct, their desire for beauty. All other knowledge was dominated by this supposed knowledge and was subordinated to it, because of the surpassing strength of the hold which it gained upon the affections of men, by allying itself profoundly with their sense for conduct, their sense for beauty.

But now, says Professor Huxley, conceptions of the universe fatal to the notions held by our forefathers have been forced upon us by physical science. Grant to him that they are thus fatal, that the new conceptions must and will soon become current everywhere, and that every one will finally perceive them to be fatal to the beliefs of our forefathers. The need of humane letters, as they are truly called, because they serve the paramount desire in men that good should be for ever present to them,—the need of humane letters, to establish a relation between the new conceptions, and our instinct for beauty, our instinct for conduct, is only the more visible.[1] The Middle Age could do without hu-

[1] Compare with this whole passage the following from Wordsworth's "Preface to the *Lyrical Ballads*": "Poetry is the first and last of all knowledge—it is as immortal as the heart of man. If the labors of Men of science should ever create any material revolution, direct or indirect, in our condition, and in the impres-

mane letters, as it could do without the study of nature, because its supposed knowledge was made to engage its emotions so powerfully. Grant that the supposed knowledge disappears, its power of being made to engage the emotions will of course disappear along with it,—but the emotions themselves, and their claim to be engaged and satisfied, will remain. Now if we find by experience that humane letters have an undeniable power of engaging the emotions, the importance of humane letters in a man's training becomes not less, but greater, in proportion to the success of modern science in extirpating what it calls "mediæval thinking."

Have humane letters, then, have poetry and eloquence, the power here attributed to them of engaging the emotions, and do they exercise it? And if they have it and exercise it, *how* do they exercise it, so as to exert an influence upon man's sense for conduct, his sense for beauty? Finally, even if they both can and do exert an influence upon the senses in question, how are they to relate to them the results, —the modern results,—of natural science? All these questions may be asked. First, have poetry and eloquence the power of calling out the emotions? The appeal is to ex-

sions which we habitually receive, the Poet will sleep then no more than at present; he will be ready to follow the steps of the Man of science, not only in those general indirect effects, but he will be at his side, carrying sensation into the midst of the objects of the science itself. The remotest discoveries of the Chemist, the Botanist, or Mineralogist, will be as proper objects of the Poet's art as any upon which it can be employed, if the time should ever come when these things shall be familiar to us, and the relations under which they are contemplated by the followers of these respective sciences shall be manifestly and palpably material to us as enjoying and suffering beings. If the time should ever come when what is now called science, thus familiarized to men, shall be ready to put on, as it were, a form of flesh and blood, the Poet will lend his divine spirit to aid the transfiguration, and will welcome the Being thus produced, as a dear and genuine inmate of the household of man."

perience. Experience shows that for the vast majority of men, for mankind in general, they have the power. Next, do they exercise it? They do. But then, *how* do they exercise it so as to affect man's sense for conduct, his sense for beauty? And this is perhaps a case for applying the Preacher's words: "Though a man labor to seek it out, yet he shall not find it; yea, farther, though a wise man think to know it, yet shall he not be able to find it."[1] Why should it be one thing, in its effect upon the emotions, to say, "Patience is a virtue," and quite another thing, in its effect upon the emotions, to say with Homer,

τλητὸν γὰρ Μοῖραι θυμὸν θέσαν ἀνθρώποισιν —[2]

"for an enduring heart have the destinies appointed to the children of men"? Why should it be one thing, in its effect upon the emotions, to say with the philosopher Spinoza, *Felicitas in ea consistit quod homo suum esse conservare potest*—"Man's happiness consists in his being able to preserve his own essence,"[3] and quite another thing, in its effect upon the emotions, to say with the Gospel, "What is a man advantaged, if he gain the whole world, and lose himself, forfeit himself?"[4] How does this difference of effect arise? I cannot tell, and I am not much concerned to know; the important thing is that it does arise, and that we can profit by it. But how, finally, are poetry and eloquence to exercise the power of relating the modern results of natural science to man's instinct for conduct, his instinct for beauty? And here again I answer that I do not know *how* they will exercise it, but that they can and will exercise it I am sure. I do not mean that modern philosophical poets and modern philosophical moral-

[1] Eccles. viii, 17. [Arnold.]
[2] *Iliad*, xxiv, 49. [Arnold.]
[3] Spinoza, *Ethics*, Pars. iv, Prop. xviii, scholium.
[4] Luke ix, 25.

ists are to come and relate for us, in express terms, the results of modern scientific research to our instinct for conduct, our instinct for beauty. But I mean that we shall find, as a matter of experience, if we know the best that has been thought and uttered in the world, we shall find that the art and poetry and eloquence of men who lived, perhaps, long ago, who had the most limited natural knowledge, who had the most erroneous conceptions about many important matters, we shall find that this art, and poetry, and eloquence, have in fact not only the power of refreshing and delighting us, they have also the power,—such is the strength and worth, in essentials, of their authors' criticism of life,—they have a fortifying, and elevating, and quickening, and suggestive power, capable of wonderfully helping us to relate the results of modern science to our need for conduct, our need for beauty. Homer's conceptions of the physical universe were, I imagine, grotesque; but really, under the shock of hearing from modern science that "the world is not subordinated to man's use, and that man is not the cynosure of things terrestrial," [1] I could, for my own part, desire no better comfort than Homer's line which I quoted just now,

τλητὸν γὰρ Μοῖραι θυμὸν θέσαν ἀνθρώποισιν—

"for an enduring heart have the destinies appointed to the children of men"!

And the more that men's minds are cleared, the more that the results of science are frankly accepted, the more that poetry and eloquence come to be received and studied as what in truth they really are,—the criticism of life by gifted men, alive and active with extraordinary power at an unusual number of points;—so much the more will the value

[1] A combination of two sentences from Huxley's "Science and Culture." See pp. 282 and 285, below.

of humane letters, and of art also, which is an utterance having a like kind of power with theirs, be felt and acknowledged, and their place in education be secured.

. . . . . .

And therefore, to say the truth, I cannot really think that humane letters are in much actual danger of being thrust out from their leading place in education, in spite of the array of authorities against them at this moment. So long as human nature is what it is, their attractions will remain irresistible. As with Greek, so with letters generally: they will some day come, we may hope, to be studied more rationally, but they will not lose their place. What will happen will rather be that there will be crowded into education other matters besides, far too many; there will be, perhaps, a period of unsettlement and confusion and false tendency; but letters will not in the end lose their leading place. If they lose it for a time, they will get it back again. We shall be brought back to them by our wants and aspirations. And a poor humanist may possess his soul in patience, neither strive nor cry, admit the energy and brilliancy of the partisans of physical science, and their present favor with the public, to be far greater than his own, and still have a happy faith that the nature of things works silently on behalf of the studies which he loves, and that, while we shall all have to acquaint ourselves with the great results reached by modern science, and to give ourselves as much training in its disciplines as we can conveniently carry, yet the majority of men will always require humane letters; and so much the more, as they have the more and the greater results of science to relate to the need in man for conduct, and to the need in him for beauty.[1]

[1] The following paragraphs, from Arnold's Introduction to Ward's *English Poets*, make an interesting illustration and reinforcement of his idea of the relation of literature to science:

"'The future of poetry is immense, because in poetry, where it is worthy of its high destinies, our race, as time goes on, will find an ever surer and surer stay. There is not a creed which is not shaken, not an accredited dogma which is not shown to be questionable, not a received tradition which does not threaten to dissolve. Our religion has materialized itself in the fact, in the supposed fact; it has attached its emotion to the fact, and now the fact is failing it. But for poetry the idea is everything; the rest is a world of illusion, of divine illusion. Poetry attaches its emotion to the idea; the idea *is* the fact. The strongest part of our religion to-day is its unconscious poetry.' [From Arnold's Introduction to a work entitled *The Hundred Greatest Men,* 1879.]

"Let me be permitted to quote these words of my own, as uttering the thought which should, in my opinion, go with us and govern us in all our study of poetry. In the present work it is the course of one great contributory stream to the world-river of poetry that we are invited to follow. We are here invited to trace the stream of English poetry. But whether we set ourselves, as here, to follow only one of the several streams that make the mighty river of poetry, or whether we seek to know them all, our governing thought should be the same. We should conceive of poetry worthily, and more highly than it has been the custom to conceive of it. We should conceive of it as capable of higher uses, and called to higher destinies, than those which in general men have assigned to it hitherto. More and more mankind will discover that we have to turn to poetry to interpret life for us, to console us, to sustain us. Without poetry, our science will appear incomplete; and most of what now passes with us for religion and philosophy will be replaced by poetry. Science, I say, will appear incomplete without it. For finely and truly does Wordsworth call poetry 'the impassioned expression which is in the countenance of all science'; and what is a countenance without its expression? Again, Wordsworth finely and truly calls poetry 'the breath and finer spirit of all knowledge' [both quotations are from Wordsworth's Preface to the *Lyrical Ballads*]: our religion, parading evidences such as those on which the popular mind relies now; our philosophy, pluming itself on its reasonings about causation and finite and infinite being; what are they but the shadows and dreams and false shows of knowledge? The day will come when we shall wonder at ourselves for having trusted to them, for having taken them seriously; and the more we perceive their hollowness, the more we shall prize 'the breath and finer spirit of knowledge' offered to us by poetry."

HUXLEY

IMPROVING NATURAL KNOWLEDGE

A LIBERAL EDUCATION

SCIENCE AND CULTURE

SCIENCE AND ART IN RELATION TO EDUCATION.

Bibliographical Note.—Huxley's essay "On the Advisableness of Improving Natural Knowledge" was delivered as a Lay Sermon in St. Martin's Hall, London, January 7, 1866, and later published in the *Fortnightly Review.* It was subsequently included in the volume, *Methods and Results,* Vol. I of his *Collected Essays.*

"A Liberal Education: and where to find it" was an address delivered to the South London Working Men's College, January 4, 1868. It was printed in *Macmillan's Magazine* and later in *Science and Education: Collected Essays,* Vol. III.

"Science and Culture" was an address delivered at the opening of Sir Josiah Mason's Science College at Birmingham, October 1, 1880. It is also to be found in the volume *Science and Education.*

The essay "On Science and Art in Relation to Education" was an address delivered to the members of the Liverpool Institution in 1882. It is likewise reprinted in *Science and Education.*

QUESTIONS

1. What were the seventeenth-century theories of the causes of the fire and plague?

2. How has the work begun by the Royal Society changed these ideas?

3. Reproduce Huxley's outline of the improvement of natural knowledge since then, and its effect on men's daily lives.

4. What is the point to the illustration of the Alpine mother?

5. What does Huxley consider the most important benefit of science?

6. Reproduce his illustrations of the various ways in which men "ask for bread and receive ideas."

7. What does he consider to be the effect of the improvement of natural knowledge on religion and ethics?

XIII

ON THE ADVISABLENESS OF IMPROVING NATURAL KNOWLEDGE

(*Methods and Results,* I)

THIS time two hundred years ago—in the beginning of January, 1666—those of our forefathers who inhabited this great and ancient city, took breath between the shocks of two fearful calamities: one not quite past, although its fury had abated; the other to come.

Within a few yards of the very spot on which we are assembled, so the tradition runs, that painful and deadly malady, the plague, appeared in the latter months of 1664;[1] and, though no new visitor, smote the people of England, and especially of her capital, with a violence unknown before, in the course of the following year. The hand of a master has pictured what happened in those dismal months; and in that truest of fictions, *The History of the Plague Year,* Defoe shows death, with every accompaniment of pain and terror, stalking through the narrow streets of old London, and changing their busy hum into a silence broken only by the wailing of the mourners of fifty thousand dead; by the woeful denunciations and mad prayers of fanatics; and by the madder yells of despairing profligates.

But, about this time in 1666, the death-rate had sunk

[1] Defoe says that the plague was first discovered "in Longacre, or rather at the upper end of Drury Lane." This lecture was delivered in the old St. Martin's Hall, in Charing Cross Road, not far from that locality.

to nearly its ordinary amount; a case of plague occurred only here and there, and the richer citizens who had flown from the pest had returned to their dwellings. The remnant of the people began to toil at the accustomed round of duty, or of pleasure; and the stream of city life bid fair to flow back along its old bed, with renewed and uninterrupted vigor.

The newly-kindled hope was deceitful. The great plague, indeed, returned no more; but what it had done for the Londoners, the great fire, which broke out in the autumn of 1666, did for London; and, in September of that year, a heap of ashes and the indestructible energy of the people were all that remained of the glory of five-sixths of the city within the walls.

Our forefathers had their own ways of accounting for each of these calamities. They submitted to the plague in humility and in penitence, for they believed it to be the judgment of God. But, towards the fire they were furiously indignant, interpreting it as the effect of the malice of man,—as the work of the Republicans, or of the Papists, according as their prepossessions ran in favor of loyalty or of Puritanism.

It would, I fancy, have fared but ill with one who, standing where I now stand, in what was then a thickly-peopled and fashionable part of London, should have broached to our ancestors the doctrine which I now propound to you—that all their hypotheses were alike wrong; that the plague was no more, in their sense, Divine judgment, than the fire was the work of any political, or of any religious, sect; but that they were themselves the authors of both plague and fire, and that they must look to themselves to prevent the recurrence of calamities, to all appearance so peculiarly beyond the reach of human control—so evidently the result

of the wrath of God, or of the craft and subtlety of an enemy.

And one may picture to one's self how harmoniously the holy cursing of the Puritan of that day would have chimed in with the unholy cursing and the crackling wit of the Rochesters and Sedleys,[1] and with the revilings of the political fanatics, if my imaginary plain dealer had gone on to say that, if the return of such misfortunes were ever rendered impossible, it would not be in virtue of the victory of the faith of Laud, or of that of Milton;[2] and, as little, by the triumph of republicanism, as by that of monarchy. But that the one thing needful for compassing this end was, that the people of England should second the efforts of an insignificant corporation, the establishment of which, a few years before the epoch of the great plague and the great fire, had been as little noticed, as they were conspicuous.

Some twenty years before the outbreak of the plague a few calm and thoughtful students banded themselves together for the purpose, as they phrased it, of "improving natural knowledge." The ends they proposed to attain cannot be stated more clearly than in the words of one of the founders of the organization:—

"Our business was (precluding matters of theology and state affairs) to discourse and consider of philosophical inquiries, and such as related thereunto:—as Physick, Anatomy, Geometry, Astronomy, Navigation, Staticks, Magneticks, Chymicks, Mechanicks, and Natural Experiments; with the state of these studies and their cultivation at home

[1] The Earl of Rochester and Sir Charles Sedley were profligate wits at the court of Charles II.

[2] William Laud (1573-1645), Archbishop of Canterbury, was a supporter of Charles I and of the cause of the Established Church against the Puritans, whose beliefs were powerfully championed by Milton. Laud was beheaded by Parliament in 1645.

and abroad. We then discoursed of the circulation of the blood, the valves in the veins, the venæ lacteæ, the lymphatic vessels, the Copernican hypothesis, the nature of comets and new stars, the satellites of Jupiter, the oval shape (as it then appeared) of Saturn, the spots on the sun and its turning on its own axis, the inequalities and selenography of the moon, the several phases of Venus and Mercury, the improvement of telescopes and grinding of glasses for that purpose, the weight of air, the possibility or impossibility of vacuities and nature's abhorrence thereof, the Torricellian experiment in quicksilver,[1] the descent of heavy bodies and the degree of acceleration therein, with divers other things of like nature, some of which were then but new discoveries, and others not so generally known and embraced as now they are; with other things appertaining to what hath been called the New Philosophy, which from the times of Galileo at Florence, and Sir Francis Bacon (Lord Verulam) in England, hath been much cultivated in Italy, France, Germany, and other parts abroad, as well as with us in England."

The learned Dr. Wallis,[2] writing in 1696, narrates in these words, what happened half a century before, or about 1645. The associates met at Oxford, in the rooms of Dr. Wilkins,[3] who was destined to become a bishop; and subsequently coming together in London, they attracted the notice of the king. And it is a strange evidence of the taste for knowledge which the most obviously worthless of the Stuarts shared with his father and grandfather, that Charles the Second was not content with saying witty things about his

[1] The experiment which demonstrated the principle of the barometer, discovered by Torricelli in 1643.

[2] John Wallis (1616-1703), the great mathematician.

[3] John Wilkins (1614-72), Warden of Wadham College, Oxford, and afterwards Bishop of Chester. The meetings were held in his rooms in Wadham.

philosophers, but did wise things with regard to them. For he not only bestowed upon them such attention as he could spare from his poodles and his mistresses, but, being in his usual state of impecuniosity, begged for them of the Duke of Ormond; and, that step being without effect, gave them Chelsea College, a charter, and a mace: crowning his favors in the best way they could be crowned, by burdening them no further with royal patronage or state interference.

Thus it was that the half-dozen young men, studious of the "New Philosophy," who met in one another's lodgings in Oxford or in London, in the middle of the seventeenth century, grew in numerical and in real strength, until, in its latter part, the "Royal Society for the Improvement of Natural Knowledge" had already become famous, and had acquired a claim upon the veneration of Englishmen, which it has ever since retained, as the principal focus of scientific activity in our islands, and the chief champion of the cause it was formed to support.

It was by the aid of the Royal Society that Newton published his *Principia.* If all the books in the world, except the *Philosophical Transactions,* were destroyed, it is safe to say that the foundations of physical science would remain unshaken, and that the vast intellectual progress of the last two centuries would be largely, though incompletely, recorded. Nor have any signs of halting or of decrepitude manifested themselves in our own times. As in Dr. Wallis's days, so in these, "our business is, precluding theology and state affairs, to discourse and consider of philosophical inquiries." But our "Mathematick" is one which Newton would have to go to school to learn; our "Staticks, Mechanicks, Magneticks, Chymicks, and Natural Experiments" constitute a mass of physical and chemical knowledge, a glimpse at which would compensate Galileo for the doings of a score

of inquisitorial cardinals;[1] our "Physick" and "Anatomy" have embraced such infinite varieties of beings, have laid open such new worlds in time and space, have grappled, not unsuccessfully, with such complex problems, that the eyes of Vesalius and of Harvey[2] might be dazzled by the sight of the tree that has grown out of their grain of mustard seed.

The fact is perhaps rather too much, than too little, forced upon one's notice, nowadays, that all this marvelous intellectual growth has a no less wonderful expression in practical life; and that, in this respect, if in no other, the movement symbolized by the progress of the Royal Society stands without a parallel in the history of mankind.

A series of volumes as bulky as the *Transactions of the Royal Society* might possibly be filled with the subtle speculations of the Schoolmen;[3] not improbably, the obtaining a mastery over the products of mediæval thought might necessitate an even greater expenditure of time and of energy than the acquirement of the "New Philosophy"; but though such work engrossed the best intellects of Europe for a longer time than has elapsed since the great fire, its effects were "writ in water," so far as our social state is concerned.

On the other hand, if the noble first President of the Royal Society could revisit the upper air and once more gladden his eyes with a sight of the familiar mace, he would

[1] Galileo, the great physicist and astronomer, inventor of the thermometer and telescope, was forced by the Inquisition in 1633 to abjure the Copernican theory.

[2] Andreas Vesalius (1514-64), Belgian anatomist and physician, one of the first practicers of systematic dissection.

William Harvey (1578-1657), English physician and discoverer of the circulation of the blood.

[3] Mediæval theologians beginning with the ninth century: so-called because they lectured in the cathedral schools founded by Charlemagne and his successors.

find himself in the midst of a material civilization more different from that of his day, than that of the seventeenth was from that of the first century. And if Lord Brouncker's native sagacity had not deserted his ghost, he would need no long reflection to discover that all these great ships, these railways, these telegraphs, these factories, these printing-presses, without which the whole fabric of modern English society would collapse into a mass of stagnant and starving pauperism,—that all these pillars of our State are but the ripples and the bubbles upon the surface of that great spiritual stream, the springs of which only, he and his fellows were privileged to see; and seeing, to recognize as that which it behoved them above all things to keep pure and undefiled.

It may not be too great a flight of imagination to conceive our noble *revenant* not forgetful of the great troubles of his own day, and anxious to know how often London had been burned down since his time, and how often the plague had carried off its thousands. He would have to learn that, although London contains tenfold the inflammable matter that it did in 1666; though, not content with filling our rooms with woodwork and light draperies, we must needs lead inflammable and explosive gases into every corner of our streets and houses, we never allow even a street to burn down. And if he asked how this had come about, we should have to explain that the improvement of natural knowledge has furnished us with dozens of machines for throwing water upon fires, any one of which would have furnished the ingenious Mr. Hooke, the first "curator and experimenter" of the Royal Society, with ample materials for discourse before half a dozen meetings of that body; and that, to say truth, except for the progress of natural knowledge, we should not have been able to make even the tools by which these machines are

constructed. And, further, it would be necessary to add, that although severe fires sometimes occur and inflict great damage, the loss is very generally compensated by societies, the operations of which have been rendered possible only by the progress of natural knowledge in the direction of mathematics, and the accumulation of wealth in virtue of other natural knowledge.

But the plague? My Lord Brouncker's observation would not, I fear, lead him to think that Englishmen of the nineteenth century are purer in life, or more fervent in religious faith, than the generation which could produce a Boyle, an Evelyn, and a Milton.[1] He might find the mud of society at the bottom, instead of at the top, but I fear that the sum total would be as deserving of swift judgment as at the time of the Restoration. And it would be our duty to explain once more, and this time not without shame, that we have no reason to believe that it is the improvement of our faith, nor that of our morals, which keeps the plague from our city; but, again, that it is the improvement of our natural knowledge.

We have learned that pestilences will only take up their abode among those who have prepared unswept and ungarnished residences for them. Their cities must have narrow, unwatered streets, foul with accumulated garbage. Their houses must be ill-drained, ill-lighted, ill-ventilated. Their subjects must be ill-washed, ill-fed, ill-clothed. The London of 1665 was such a city. The cities of the East, where plague has an enduring dwelling, are such cities. We, in later times, have learned somewhat of Nature, and

[1] Famous all three for the stainless purity of their private lives. Robert Boyle was a natural philosopher, occupying himself especially with chemistry: John Evelyn, his friend, was an author and also a member of the Royal Society; his *Diary* ranks with that of Pepys for the value of its picture of seventeenth-century life Both were contemporaries of Milton, though a little younger.

partly obey her. Because of this partial improvement of our natural knowledge and of that fractional obedience, we have no plague; because that knowledge is still very imperfect and that obedience yet incomplete, typhoid is our companion and cholera our visitor. But it is not presumptuous to express the belief that, when our knowledge is more complete and our obedience the expression of our knowledge, London will count her centuries of freedom from typhoid and cholera, as she now gratefully reckons her two hundred years of ignorance of that plague which swooped upon her thrice in the first half of the seventeenth century.

Surely, there is nothing in these explanations which is not fully borne out by the facts? Surely, the principles involved in them are now admitted among the fixed beliefs of all thinking men? Surely, it is true that our countrymen are less subject to fire, famine, pestilence, and all the evils which result from a want of command over and due anticipation of the course of Nature, than were the countrymen of Milton; and health, wealth, and well-being are more abundant with us than with them? But no less certainly is the difference due to the improvement of our knowledge of Nature, and the extent to which that improved knowledge has been incorporated with the household words of men, and has supplied the springs of their daily actions.

Granting for a moment, then, the truth of that which the depreciators of natural knowledge are so fond of urging, that its improvement can only add to the resources of our material civilization; admitting it to be possible that the founders of the Royal Society themselves looked for no other reward than this, I cannot confess that I was guilty of exaggeration when I hinted, that to him who had the gift of distinguishing between prominent events and important events, the origin of a combined effort on the part of mankind to improve natural knowledge might have loomed

larger than the Plague and have outshone the glare of the Fire; as a something fraught with a wealth of beneficence to mankind, in comparison with which the damage done by those ghastly evils would shrink into insignificance.

It is very certain that for every victim slain by the plague, hundreds of mankind exist and find a fair share of happiness in the world by the aid of the spinning jenny. And the great fire, at its worst, could not have burned the supply of coal, the daily working of which, in the bowels of the earth, made possible by the steam pump, gives rise to an amount of wealth to which the millions lost in old London are but as an old song.

But spinning jenny and steam pump are, after all, but toys, possessing an accidental value; and natural knowledge creates multitudes of more subtle contrivances, the praises of which do not happen to be sung because they are not directly convertible into instruments for creating wealth. When I contemplate natural knowledge squandering such gifts among men, the only appropriate comparison I can find for her is, to liken her to such a peasant woman as one sees in the Alps, striding ever upward, heavily burdened, and with mind bent only on her home; but yet without effort and without thought, knitting for her children. Now stockings are good and comfortable things, and the children will undoubtedly be much the better for them; but surely it would be short-sighted, to say the least of it, to depreciate this toiling mother as a mere stocking-machine—a mere provider of physical comforts?

However, there are blind leaders of the blind, and not a few of them, who take this view of natural knowledge, and can see nothing in the bountiful mother of humanity but a sort of comfort-grinding machine. According to them, the improvement of natural knowledge always has been, and

always must be, synonymous with no more than the improvement of the material resources and the increase of the gratifications of men.

Natural knowledge is, in their eyes, no real mother of mankind, bringing them up with kindness, and, if need be, with sternness, in the way they should go, and instructing them in all things needful for their welfare; but a sort of fairy god-mother, ready to furnish her pets with shoes of swiftness, swords of sharpness, and omnipotent Aladdin's lamps, so that they may have telegraphs to Saturn, and see the other side of the moon, and thank God they are better than their benighted ancestors.

If this talk were true, I, for one, should not greatly care to toil in the service of natural knowledge. I think I would just as soon be quietly chipping my own flint ax, after the manner of my forefathers a few thousand years back, as be troubled with the endless malady of thought which now infests us all, for such reward. But I venture to say that such views are contrary alike to reason and to fact. Those who discourse in such fashion seem to me to be so intent upon trying to see what is above Nature, or what is behind her, that they are blind to what stares them in the face in her.

I should not venture to speak thus strongly if my justification were not to be found in the simplest and most obvious facts,—if it needed more than an appeal to the most notorious truths to justify my assertion, that the improvement of natural knowledge, whatever direction it has taken, and however low the aims of those who may have commenced it—has not only conferred practical benefits on men, but, in so doing, has effected a revolution in their conceptions of the universe and of themselves, and has profoundly altered their modes of thinking and their views of right and wrong. I say that natural knowledge, seeking to satisfy natural wants,

has found the ideas which can alone still spiritual cravings. I say that natural knowledge, in desiring to ascertain the laws of comfort, has been driven to discover those of conduct, and to lay the foundations of a new morality.

Let us take these points separately; and first, what great ideas has natural knowledge introduced into men's minds?

I cannot but think that the foundations of all natural knowledge were laid when the reason of man first came face to face with the facts of Nature; when the savage first learned that the fingers of one hand are fewer than those of both; that it is shorter to cross a stream than to head it; that a stone stops where it is unless it be moved, and that it drops from the hand which lets it go; that light and heat come and go with the sun; that sticks burn away in a fire; that plants and animals grow and die; that if he struck his fellow savage a blow he would make him angry, and perhaps get a blow in return, while if he offered him a fruit he would please him, and perhaps receive a fish in exchange. When men had acquired this much knowledge, the outlines, rude though they were, of mathematics, of physics, of chemistry, of biology, of moral, economical, and political science, were sketched. Nor did the germ of religion fail when science began to bud. Listen to words which, though new, are yet three thousand years old:—

> "... When in heaven the stars about the moon
> Look beautiful, when all the winds are laid,
> And every height comes out, and jutting peak
> And valley, and the immeasurable heavens
> Break open to their highest, and all the stars
> Shine, and the shepherd gladdens in his heart." [1]

[1] Need it be said that this is Tennyson's English for Homer's Greek? [Huxley.] *Iliad*, viii, 555-9. From Tennyson's *Specimen of a Translation of the Iliad in Blank Verse.*

If the half savage Greek could share our feelings thus far, it is irrational to doubt that he went further, to find as we do, that upon that brief gladness there follows a certain sorrow,—the little light of awakened human intelligence shines so mere a spark amidst the abyss of the unknown and unknowable; seems so insufficient to do more than illuminate the imperfections that cannot be remedied, the aspirations that cannot be realized, of man's own nature. But in this sadness, this consciousness of the limitation of man, this sense of an open secret which he cannot penetrate, lies the essence of all religion; and the attempt to embody it in the forms furnished by the intellect is the origin of the higher theologies.

Thus it seems impossible to imagine but that the foundations of all knowledge—secular or sacred—were laid when intelligence dawned, though the superstructure remained for long ages so slight and feeble as to be compatible with the existence of almost any general view respecting the mode of governance of the universe. No doubt, from the first, there were certain phenomena which, to the rudest mind, presented a constancy of occurrence, and suggested that a fixed order ruled, at any rate, among them. I doubt if the grossest of Fetish worshipers ever imagined that a stone must have a god within it to make it fall, or that a fruit had a god within it to make it taste sweet. With regard to such matters as these, it is hardly questionable that mankind from the first took strictly positive [1] and scientific views.

But, with respect to all the less familiar occurrences which present themselves, uncultured man, no doubt, has always taken himself as the standard of comparison, as the center and measure of the world; nor could he well avoid doing so. And finding that his apparently uncaused will has

[1] See note on Positivism, p. 150 of this volume.

a powerful effect in giving rise to many occurrences, he naturally enough ascribed other and greater events to other and greater volitions, and came to look upon the world and all that therein is, as the product of the volitions of persons like himself, but stronger, and capable of being appeased or angered, as he himself might be soothed or irritated. Through such conceptions of the plan and working of the universe all mankind have passed, or are passing. And we may now consider what has been the effect of the improvement of natural knowledge on the views of men who have reached this stage, and who have begun to cultivate natural knowledge with no desire but that of "increasing God's honor and bettering man's estate."[1]

For example, what could seem wiser, from a mere material point of view, more innocent, from a theological one, to an ancient people, than that they should learn the exact succession of the seasons, as warnings for their husbandmen; or the position of the stars, as guides to their rude navigators? But what has grown out of this search for natural knowledge of so merely useful a character? You all know the reply. Astronomy,—which of all sciences has filled men's minds with general ideas of a character most foreign to their daily experience, and has, more than any other, rendered it impossible for them to accept the beliefs of their fathers. Astronomy,—which tells them that this so vast and seemingly solid earth is but an atom among atoms, whirling, no man knows whither, through illimitable space; which demonstrates that what we call the peaceful heaven above us, is but that space, filled by an infinitely subtle matter whose particles are seething and surging, like the waves of an angry sea; which opens up to us infinite regions where nothing is known, or ever seems to have been known, but

[1] Apparently quoted inexactly from Bacon's *Advancement of Learning*, I, v, 11.

matter and force, operating according to rigid rules; which leads us to contemplate phenomena the very nature of which demonstrates that they must have had a beginning, and that they must have an end, but the very nature of which also proves that the beginning was, to our conceptions of time, infinitely remote, and that the end is as immeasurably distant.

But it is not alone those who pursue astronomy who ask for bread and receive ideas.[1] What more harmless than the attempt to lift and distribute water by pumping it; what more absolutely and grossly utilitarian? Yet out of pumps grew the discussions about Nature's abhorrence of a vacuum; and then it was discovered that Nature does not abhor a vacuum, but that air has weight; and that notion paved the way for the doctrine that all matter has weight, and that the force which produces weight is co-extensive with the universe,—in short, to the theory of universal gravitation and endless force. While learning how to handle gases led to the discovery of oxygen, and to modern chemistry, and to the notion of the indestructibility of matter.

Again, what simpler, or more absolutely practical, than the attempt to keep the axle of a wheel from heating when the wheel turns round very fast? How useful for carters and gig drivers to know something about this; and how good were it, if any ingenious person would find out the cause of such phenomena, and thence educe a general remedy for them. Such an ingenious person was Count Rumford;[2] and he and his successors have landed us in the

[1] Compare Matt. vii, 9.

[2] Benjamin Thompson, Count Rumford (1753-1814), born at Woburn, Mass., educated at Harvard, in British service during the Revolution, holder of various offices in Bavaria, created a Count in the Holy Roman Empire. He was a member of the Royal Society and left to Harvard the funds with which the Rumford Professorship of physical and mathematical sciences is supported.

theory of the persistence, or indestructibility, of force. And in the infinitely minute, as in the infinitely great, the seekers after natural knowledge of the kinds called physical and chemical, have everywhere found a definite order and succession of events which seem never to be infringed.

And how has it fared with "Physick" and Anatomy? Have the anatomist, the physiologist, or the physician, whose business it has been to devote themselves assiduously to that eminently practical and direct end, the alleviation of the sufferings of mankind,—have they been able to confine their vision more absolutely to the strictly useful? I fear they are the worst offenders of all. For if the astronomer has set before us the infinite magnitude of space, and the practical eternity of the duration of the universe; if the physical and chemical philosophers have demonstrated the infinite minuteness of its constituent parts, and the practical eternity of matter and of force; and if both have alike proclaimed the universality of a definite and predicable order and succession of events, the workers in biology have not only accepted all these, but have added more startling theses of their own. For, as the astronomers discover in the earth no center of the universe, but an eccentric speck, so the naturalists find man to be no center of the living world, but one amidst endless modifications of life; and as the astronomer observes the mark of practically endless time set upon the arrangements of the solar system so the student of life finds the records of ancient forms of existence peopling the world for ages, which, in relation to human experience, are infinite.

Furthermore, the physiologist finds life to be as dependent for its manifestation on particular molecular arrangements as any physical or chemical phenomenon; and wherever he extends his researches, fixed order and unchanging causation reveal themselves, as plainly as in the rest of Nature.

Nor can I find that any other fate has awaited the germ of Religion. Arising, like all other kinds of knowledge, out of the action and interaction of man's mind, with that which is not man's mind, it has taken the intellectual coverings of Fetishism or Polytheism; of Theism or Atheism; of Superstition or Rationalism. With these, and their relative merits and demerits, I have nothing to do; but this it is needful for my purpose to say, that if the religion of the present differs from that of the past, it is because the theology of the present has become more scientific than that of the past; because it has not only renounced idols of wood and idols of stone, but begins to see the necessity of breaking in pieces the idols built up of books and traditions and fine-spun ecclesiastical cobwebs: and of cherishing the noblest and most human of man's emotions, by worship "for the most part of the silent sort" at the Altar of the Unknown.[1]

Such are a few of the new conceptions implanted in our minds by the improvement of natural knowledge. Men have acquired the ideas of the practically infinite extent of the universe and of its practical eternity; they are familiar with the conception that our earth is but an infinitesimal fragment of that part of the universe which can be seen; and that, nevertheless, its duration is, as compared with our standards of time, infinite. They have further acquired the idea that man is but one of innumerable forms of life now existing on the globe, and that the present existences are but the last of an immeasurable series of predecessors. Moreover, every step they have made in natural knowledge has tended to extend and rivet in their minds the conception of a definite order of the universe—which is embodied in what are called, by an unhappy metaphor, the laws of Nature—and to narrow the range and loosen the force of

[1] Acts xvii, 23.

men's belief in spontaneity, or in changes other than such as arise out of that definite order itself.

Whether these ideas are well or ill founded is not the question. No one can deny that they exist, and have been the inevitable outgrowth of the improvement of natural knowledge. And if so, it cannot be doubted that they are changing the form of men's most cherished and most important convictions.

And as regards the second point—the extent to which the improvement of natural knowledge has remodeled and altered what may be termed the intellectual ethics of men,—what are among the moral convictions most fondly held by barbarous and semi-barbarous people?

They are the convictions that authority is the soundest basis of belief; that merit attaches to a readiness to believe; that the doubting disposition is a bad one, and skepticism a sin; that when good authority has pronounced what is to be believed, and faith has accepted it, reason has no further duty. There are many excellent persons who yet hold by these principles, and it is not my present business, or intention, to discuss their views. All I wish to bring clearly before your minds is the unquestionable fact, that the improvement of natural knowledge is effected by methods which directly give the lie to all these convictions, and assume the exact reverse of each to be true.

The improver of natural knowledge absolutely refuses to acknowledge authority, as such. For him, skepticism is the highest of duties; blind faith the one unpardonable sin. And it cannot be otherwise, for every great advance in natural knowledge has involved the absolute rejection of authority, the cherishing of the keenest skepticism, the annihilation of the spirit of blind faith; and the most ardent votary of science holds his firmest convictions, not because the men

he most venerates hold them; not because their verity is testified by portents and wonders; but because his experience teaches him that whenever he chooses to bring these convictions into contact with their primary source, Nature—whenever he thinks fit to test them by appealing to experiment and to observation—Nature will confirm them. The man of science has learned to believe in justification, not by faith, but by verification.

Thus, without for a moment pretending to despise the practical results of the improvement of natural knowledge, and its beneficial influence on material civilization, it must, I think, be admitted that the great ideas, some of which I have indicated, and the ethical spirit which I have endeavored to sketch, in the few moments which remained at my disposal, constitute the real and permanent significance of natural knowledge.

If these ideas be destined, as I believe they are, to be more and more firmly established as the world grows older; if that spirit be fated, as I believe it is, to extend itself into all departments of human thought, and to become coextensive with the range of knowledge; if, as our race approaches its maturity, it discovers, as I believe it will, that there is but one kind of knowledge and but one method of acquiring it; then we, who are still children, may justly feel it our highest duty to recognize the advisableness of improving natural knowledge, and so to aid ourselves and our successors in our course towards the noble goal which lies before mankind.

QUESTIONS

1. With which of the various motives for education which he cites does Huxley sympathize?

2. What seems to be his opinion of the ordinary education of his day?

3. What is the point to the illustration of the game of chess?

4. What is Huxley's theory of education? Is it strictly utilitarian?

5. Compare Huxley's description of the liberally educated man with Newman's definition of a gentleman and Arnold's idea of culture.

XIV

A LIBERAL EDUCATION; AND WHERE TO FIND IT

(*Science and Education,* IV)

The business which the South London Working Men's College [1] has undertaken is a great work; indeed, I might say, that Education, with which that college proposes to grapple, is the greatest work of all those which lie ready to a man's hand just at present.

And, at length, this fact is becoming generally recognized. You cannot go anywhere without hearing a buzz of more or less confused and contradictory talk on this subject—nor can you fail to notice that, in one point at any rate, there is a very decided advance upon like discussions in former days. Nobody outside the agricultural interest now dares to say that education is a bad thing. If any representative of the once large and powerful party, which, in former days, proclaimed this opinion, still exists in a semi-fossil state, he keeps his thoughts to himself. In fact, there is a chorus of voices, almost distressing in their harmony, raised in favor of the doctrine that education is the great panacea for human troubles, and that, if the country is not shortly to go to the dogs, everybody must be educated.

The politicians tell us, "You must educate the masses because they are going to be masters." The clergy join in the

[1] A college founded in London in 1854 by F. D. Maurice for the purpose of giving scientific and literary education to workingmen. It is still in existence.

cry for education, for they affirm that the people are drifting away from church and chapel into the broadest infidelity. The manufacturers and the capitalists swell the chorus lustily. They declare that ignorance makes bad workmen; that England will soon be unable to turn out cotton goods, or steam engines, cheaper than other people; and then, Ichabod! Ichabod! the glory will be departed from us.[1] And a few voices are lifted up in favor of the doctrine that the masses should be educated because they are men and women with unlimited capacities of being, doing, and suffering, and that it is as true now, as ever it was, that the people perish for lack of knowledge.

These members of the minority, with whom I confess I have a good deal of sympathy, are doubtful whether any of the other reasons urged in favor of the education of the people are of much value—whether, indeed, some of them are based upon either wise or noble grounds of action. They question if it be wise to tell people that you will do for them, out of fear of their power, what you have left undone, so long as your only motive was compassion for their weakness and their sorrows. And, if ignorance of everything which it is needful a ruler should know is likely to do so much harm in the governing classes of the future, why is it, they ask reasonably enough, that such ignorance in the governing classes of the past has not been viewed with equal horror?

Compare the average artisan and the average country squire, and it may be doubted if you will find a pin to choose between the two in point of ignorance, class feeling, or prejudice. It is true that the ignorance is of a different sort —that the class feeling is in favor of a different class—and that the prejudice has a distinct savor of wrong-headedness in each case—but it is questionable if the one is either a bit better, or a bit worse, than the other. The old protec-

[1] 1 Sam. iv, 21.

tionist theory is the doctrine of trades unions as applied by the squires, and the modern trades unionism is the doctrine of the squires applied by the artisans. Why should we be worse off under one *régime* than under the other?

Again, this skeptical minority asks the clergy to think whether it is really want of education which keeps the masses away from their ministrations—whether the most completely educated men are not as open to reproach on this score as the workmen; and whether, perchance, this may not indicate that it is not education which lies at the bottom of the matter?

Once more, these people, whom there is no pleasing, venture to doubt whether the glory which rests upon being able to undersell all the rest of the world, is a very safe kind of glory—whether we may not purchase it too dear; especially if we allow education, which ought to be directed to the making of men, to be diverted into a process of manufacturing human tools, wonderfully adroit in the exercise of some technical industry, but good for nothing else.

And, finally, these people inquire whether it is the masses alone who need a reformed and improved education. They ask whether the richest of our public schools might not well be made to supply knowledge, as well as gentlemanly habits, a strong class feeling, and eminent proficiency in cricket. They seem to think that the noble foundations of our old universities are hardly fulfilling their functions in their present posture of half-clerical seminaries, half racecourses, where men are trained to win a senior wranglership, or a double-first, as horses are trained to win a cup, with as little reference to the needs of after-life in the case of the man as in that of the racer. And, while as zealous for education as the rest, they affirm that, if the education of the richer classes were such as to fit them to be the leaders and the governors of the poorer; and, if the education of the poorer

classes were such as to enable them to appreciate really wise guidance and good governance, the politicians need not fear mob-law, nor the clergy lament their want of flocks, nor the capitalists prognosticate the annihilation of the prosperity of the country.

Such is the diversity of opinion upon the why and the wherefore of education. And my hearers will be prepared to expect that the practical recommendations which are put forward are not less discordant. There is a loud cry for compulsory education. We English, in spite of constant experience to the contrary, preserve a touching faith in the efficacy of acts of Parliament; and I believe we should have compulsory education in the course of next session, if there were the least probability that half a dozen leading statesmen of different parties would agree what that education should be.

Some hold that education without theology is worse than none. Others maintain, quite as strongly, that education with theology is in the same predicament. But this is certain, that those who hold the first opinion can by no means agree what theology should be taught; and that those who maintain the second are in a small minority.

At any rate "make people learn to read, write, and cipher," say a great many; and the advice is undoubtedly sensible as far as it goes. But, as has happened to me in former days, those who, in despair of getting anything better, advocate this measure, are met with the objection that it is very like making a child practice the use of a knife, fork, and spoon, without giving it a particle of meat. I really don't know what reply is to be made to such an objection.

But it would be unprofitable to spend more time in disentangling, or rather in showing up the knots in, the raveled skeins of our neighbors. Much more to the purpose is it to

ask if we possess any clew of our own which may guide us among these entanglements. And by way of a beginning, let us ask ourselves—What is education? Above all things, what is our ideal of a thoroughly liberal education?—of that education which, if we could begin life again, we would give ourselves—of that education which, if we could mold the fates to our own will, we would give our children? Well, I know not what may be your conceptions upon this matter, but I will tell you mine, and I hope I shall find that our views are not very discrepant.

Suppose it were perfectly certain that the life and fortune of every one of us would, one day or other, depend upon his winning or losing a game at chess. Don't you think that we should all consider it to be a primary duty to learn at least the names and the moves of the pieces; to have a notion of a gambit, and a keen eye for all the means of giving and getting out of check? Do you not think that we should look with a disapprobation amounting to scorn, upon the father who allowed his son, or the state which allowed its members, to grow up without knowing a pawn from a knight?

Yet it is a very plain and elementary truth, that the life, the fortune, and the happiness of every one of us, and, more or less, of those who are connected with us, do depend upon our knowing something of the rules of a game infinitely more difficult and complicated than chess. It is a game which has been played for untold ages, every man and woman of us being one of the two players in a game of his or her own. The chess-board is the world, the pieces are the phenomena of the universe, the rules of the game are what we call the laws of Nature. The player on the other side is hidden from us. We know that his play is always fair, just and patient. But also we know, to our cost, that he never

overlooks a mistake, or makes the smallest allowance for ignorance. To the man who plays well, the highest stakes are paid, with that sort of overflowing generosity with which the strong shows delight in strength. And one who plays ill is checkmated—without haste, but without remorse.

My metaphor will remind some of you of the famous picture in which Retzsch[1] has depicted Satan playing at chess with man for his soul. Substitute for the mocking fiend in that picture a calm, strong angel who is playing for love, as we say, and would rather lose than win—and I should accept it as an image of human life.[2]

Well, what I mean by Education is learning the rules of this mighty game. In other words, education is the instruction of the intellect in the laws of Nature, under which name I include not merely things and their forces, but men and their ways; and the fashioning of the affections and of the will into an earnest and loving desire to move in harmony with those laws. For me, education means neither more nor less than this. Anything which professes to call itself education must be tried by this standard, and if it fails to stand the test, I will not call it education, whatever may be the force of authority, or of numbers, upon the other side.

It is important to remember that, in strictness, there is no such thing as an uneducated man. Take an extreme case. Suppose that an adult man, in the full vigor of his faculties, could be suddenly placed in the world, as Adam is said to have been, and then left to do as he best might. How long would he be left uneducated? Not five minutes. Nature would begin to teach him, through the eye, the ear, the touch, the properties of objects. Pain and pleasure

[1] Moritz Retzsch (1779-1857), German painter and etcher, best known for his illustrations of the works of Goethe, Schiller, and Shakespeare.

[2] Compare with this point of view toward nature that expressed by Huxley in his "Evolution and Ethics," 1893.

would be at his elbow telling him to do this and avoid that; and by slow degrees the man would receive an education which, if narrow, would be thorough, real, and adequate to his circumstances, though there would be no extras and very few accomplishments.

And if to this solitary man entered a second Adam, or, better still, an Eve, a new and greater world, that of social and moral phenomena, would be revealed. Joys and woes, compared with which all others might seem but faint shadows, would spring from the new relations. Happiness and sorrow would take the place of the coarser monitors, pleasure and pain; but conduct would still be shaped by the observation of the natural consequences of actions; or, in other words, by the laws of the nature of man.

To every one of us the world was once as fresh and new as to Adam. And then, long before we were susceptible of any other mode of instruction, Nature took us in hand, and every minute of waking life brought its educational influence, shaping our actions into rough accordance with Nature's laws, so that we might not be ended untimely by too gross disobedience. Nor should I speak of this process of education as past for any one, be he as old as he may. For every man the world is as fresh as it was at the first day, and as full of untold novelties for him who has the eyes to see them. And Nature is still continuing her patient education of us in that great university, the universe, of which we are all members—Nature having no Test-Acts.[1]

Those who take honors in Nature's university, who learn the laws which govern men and things and obey them, are the really great and successful men in this world. The

[1] A term used generally for the long succession of English laws requiring assent to the doctrines of the Established Church as a condition of holding public office or receiving a university degree. So far as the universities were concerned the Test-Act was only abolished in 1871.

great mass of mankind are the "Poll," who pick up just enough to get through without much discredit. Those who won't learn at all are plucked; and then you can't come up again. Nature's pluck means extermination.

Thus the question of compulsory education is settled so far as Nature is concerned. Her bill on that question was framed and passed long ago. But, like all compulsory legislation, that of Nature is harsh and wasteful in its operation. Ignorance is visited as sharply as willful disobedience—incapacity meets with the same punishment as crime. Nature's discipline is not even a word and a blow, and the blow first; but the blow without the word. It is left to you to find out why your ears are boxed.

The object of what we commonly call education—that education in which man intervenes and which I shall distinguish as artificial education—is to make good these defects in Nature's methods; to prepare the child to receive Nature's education, neither incapably nor ignorantly, nor with willful disobedience; and to understand the preliminary symptoms of her pleasure, without waiting for the box on the ear. In short, all artificial education ought to be an anticipation of natural education. And a liberal education is an artificial education which has not only prepared a man to escape the great evils of disobedience to natural laws, but has trained him to appreciate and to seize upon the rewards, which Nature scatters with as free a hand as her penalties.

That man, I think, has had a liberal education who has been so trained in youth that his body is the ready servant of his will, and does with ease and pleasure all the work that, as a mechanism, it is capable of; whose intellect is a clear, cold, logic engine, with all its parts of equal strength, and in smooth working order; ready, like a steam engine, to be turned to any kind of work, and spin the gossamers as well as forge the anchors of the mind; whose mind is

stored with a knowledge of the great and fundamental truths of Nature and of the laws of her operations; one who, no stunted ascetic, is full of life and fire, but whose passions are trained to come to heel by a vigorous will, the servant of a tender conscience; who has learned to love all beauty, whether of Nature or of art, to hate all vileness, and to respect others as himself.

Such an one and no other, I conceive, has had a liberal education; for he is, as completely as a man can be, in harmony with Nature. He will make the best of her, and she of him. They will get on together rarely: she as his ever beneficent mother; he as her mouthpiece, her conscious self, her minister and interpreter.[1]

[1] The student should compare with this Newman's definition of a gentleman and Arnold's of culture, given in the foregoing pages of this volume.

QUESTIONS

1. What two kinds of objections to scientific education is Huxley answering?

2. What is the history of the founding of the Scientific College, as given by Huxley?

3. What is Huxley's view of the comparative value of literature and science to culture?

4. What remarks of Arnold's does he quote?

5. What do Huxley and Arnold mean by calling culture a criticism of life?

6. With what doctrine of Arnold's does Huxley disagree?

7. How does he account for Arnold's view by the history of educational ideas?

8. What is Huxley's reason for wishing to change the traditional subject-matter of education?

9. Does Huxley consider the study of the classics of no value?

10. What is his justification of the study of English literature?

11. Compare Huxley's statement of the value of literary culture with Arnold's in the passage from his Introduction to Ward's *English Poets*, given in the note on pages 241-2.

XV

SCIENCE AND CULTURE

(*Science and Education,* VI)

FROM the time that the first suggestion to introduce physical science into ordinary education was timidly whispered, until now, the advocates of scientific education have met with opposition of two kinds. On the one hand, they have been pooh-poohed by the men of business who pride themselves on being the representatives of practicality; while, on the other hand, they have been excommunicated by the classical scholars, in their capacity of Levites in charge of the ark of culture [1] and monopolists of liberal education.

The practical men believed that the idol whom they worship—rule of thumb—has been the source of the past prosperity, and will suffice for the future welfare of the arts and manufactures. They were of opinion that science is speculative rubbish; that theory and practice have nothing to do with one another; and that the scientific habit of mind is an impediment, rather than an aid, in the conduct of ordinary affairs.

I have used the past tense in speaking of the practical men—for although they were very formidable thirty years ago, I am not sure that the pure species has not been extirpated. In fact, so far as mere argument goes, they have been subjected to such a *feu d'enfer* that it is a miracle if any have escaped. But I have remarked that your typical

[1] See Num. iii, 14-32.

practical man has an unexpected resemblance to one of Milton's angels. His spiritual wounds, such as are inflicted by logical weapons, may be as deep as a well and as wide as a church door, but beyond shedding a few drops of ichor, celestial or otherwise, he is no whit the worse.[1] So, if any of these opponents be left, I will not waste time in vain repetition of the demonstrative evidence of the practical value of science; but knowing that a parable will sometimes penetrate where syllogisms fail to effect an entrance, I will offer a story for their consideration.

Once upon a time, a boy, with nothing to depend upon but his own vigorous nature, was thrown into the thick of the struggle for existence in the midst of a great manufacturing population.[2] He seems to have had a hard fight, inasmuch as, by the time he was thirty years of age, his total disposable funds amounted to twenty pounds. Nevertheless, middle life found him giving proof of his comprehension of the practical problems he had been roughly called upon to solve, by a career of remarkable prosperity.

Finally, having reached old age with its well-earned surroundings of "honor, troops of friends,"[3] the hero of my story bethought himself of those who were making a like start in life, and how he could stretch out a helping hand to them.

After long and anxious reflection this successful practical man of business could devise nothing better than to provide them with the means of obtaining "sound, extensive, and practical scientific knowledge."[4] And he devoted a large

[1] See Milton's *Paradise Lost,* Bk. VI, ll. 327, ff.

[2] The man whose career Huxley is tracing was Sir Josiah Mason (1795-1881), pen maker and general manufacturer, who founded the Scientific College at Birmingham.

[3] See *Macbeth,* V, iii, 25.

[4] Evidently Huxley is here quoting the words of Sir Josiah Mason. See Arnold's "Literature and Science," p. 224 ff. in this volume.

part of his wealth and five years of incessant work to this end.

I need not point the moral of a tale which, as the solid and spacious fabric of the Scientific College assures us, is no fable, nor can anything which I could say intensify the force of this practical answer to practical objections.

We may take it for granted then, that, in the opinion of those best qualified to judge, the diffusion of thorough scientific education is an absolutely essential condition of industrial progress; and that the College which has been opened to-day will confer an inestimable boon upon those whose livelihood is to be gained by the practice of the arts and manufactures of the district.

The only question worth discussion is, whether the conditions, under which the work of the College is to be carried out, are such as to give it the best possible chance of achieving permanent success.

Sir Josiah Mason, without doubt most wisely, has left very large freedom of action to the trustees, to whom he proposes ultimately to commit the administration of the College, so that they may be able to adjust its arrangements in accordance with the changing conditions of the future. But, with respect to three points, he has laid most explicit injunctions upon both administrators and teachers.

Party politics are forbidden to enter into the minds of either, so far as the work of the College is concerned; theology is as sternly banished from its precincts; and finally, it is especially declared that the College shall make no provision for "mere literary instruction and education."

It does not concern me at present to dwell upon the first two injunctions any longer than may be needful to express my full conviction of their wisdom. But the third prohibition brings us face to face with those other opponents of

scientific education, who are by no means in the moribund condition of the practical man, but alive, alert, and formidable.

It is not impossible that we shall hear this express exclusion of "literary instruction and education" from a College which, nevertheless, professes to give a high and efficient education, sharply criticised. Certainly the time was that the Levites of culture would have sounded their trumpets against its walls as against an educational Jericho.

How often have we not been told that the study of physical science is incompetent to confer culture; that it touches none of the higher problems of life; and, what is worse, that the continual devotion to scientific studies tends to generate a narrow and bigoted belief in the applicability of scientific methods to the search after truth of all kinds? How frequently one has reason to observe that no reply to a troublesome argument tells so well as calling its author a "mere scientific specialist." And, as I am afraid it is not permissible to speak of this form of opposition to scientific education in the past tense; may we not expect to be told that this, not only omission, but prohibition, of "mere literary instruction and education" is a patent example of scientific narrow-mindedness?

I am not acquainted with Sir Josiah Mason's reasons for the action which he has taken; but if, as I apprehend is the case, he refers to the ordinary classical course of our schools and universities by the name of "mere literary instruction and education," I venture to offer sundry reasons of my own in support of that action.

For I hold very strongly by two convictions—The first is, that neither the discipline nor the subject-matter of classical education is of such direct value to the student of physical science as to justify the expenditure of valuable time upon either; and the second is, that for the purpose of

attaining real culture, an exclusively scientific education is at least as effectual as an exclusively literary education.

I need hardly point out to you that these opinions, especially the latter, are diametrically opposed to those of the great majority of educated Englishmen, influenced as they are by school and university traditions. In their belief, culture is obtainable only by a liberal education; and a liberal education is synonymous, not merely with education and instruction in literature, but in one particular form of literature, namely, that of Greek and Roman antiquity. They hold that the man who has learned Latin and Greek, however little, is educated; while he who is versed in other branches of knowledge, however deeply, is a more or less respectable specialist, not admissible into the cultured caste. The stamp of the educated man, the University degree, is not for him.

I am too well acquainted with the generous catholicity of spirit, the true sympathy with scientific thought, which pervades the writings of our chief apostle of culture to identify him with these opinions; and yet one may cull from one and another of those epistles to the Philistines, which so much delight all who do not answer to that name, sentences which lend them some support.

Mr. Arnold tells us that the meaning of culture is "to know the best that has been thought and said in the world." It is the criticism of life contained in literature. That criticism regards "Europe as being, for intellectual and spiritual purposes, one great confederation, bound to a joint action and working to a common result; and whose members have, for their common outfit, a knowledge of Greek, Roman, and Eastern antiquity, and of one another. Special, local, and temporary advantages being put out of account, that modern nation will in the intellectual and spiritual sphere make most progress, which most thoroughly carries

out this programme. And what is that but saying that we too, all of us, as individuals, the more thoroughly we carry it out, shall make the more progress?" [1]

We have here to deal with two distinct propositions. The first, that a criticism of life is the essence of culture; the second, that literature contains the materials which suffice for the construction of such a criticism.

I think that we must all assent to the first proposition. For culture certainly means something quite different from learning or technical skill. It implies the possession of an ideal, and the habit of critically estimating the value of things by comparison with a theoretic standard. Perfect culture should supply a complete theory of life, based upon a clear knowledge alike of its possibilities and of its limitations.[2]

But we may agree to all this, and yet strongly dissent from the assumption that literature alone is competent to supply this knowledge. After having learnt all that Greek, Roman, and Eastern antiquity have thought and said, and all that modern literatures have to tell us, it is not self-evident that we have laid a sufficiently broad and deep foundation for that criticism of life, which constitutes culture.

Indeed, to any one acquainted with the scope of physical science, it is not at all evident. Considering progress only in the "intellectual and spiritual sphere," I find myself wholly unable to admit that either nations or individuals will really advance, if their common outfit draws nothing from the stores of physical science. I should say that an army, without weapons of precision and with no particular base of operations, might more hopefully enter upon a campaign on

[1] *Essays in Criticism*, p. 37. [Huxley.] Pp. 218-19 of this volume.

[2] The student should compare this expression of the meaning of culture with Arnold's in *Culture and Anarchy*, ch. i (Essay VI in this volume), and with Newman's in the Discourse on "Knowledge and Religious Duty" (Essay IV in this volume).

the Rhine, than a man, devoid of a knowledge of what physical science has done in the last century, upon a criticism of life.

When a biologist meets with an anomaly, he instinctively turns to the study of development to clear it up. The rationale of contradictory opinions may with equal confidence be sought in history.

It is, happily, no new thing that Englishmen should employ their wealth in building and endowing institutions for educational purposes. But, five or six hundred years ago, deeds of foundation expressed or implied conditions as nearly as possible contrary to those which have been thought expedient by Sir Josiah Mason. That is to say, physical science was practically ignored, while a certain literary training was enjoined as a means to the acquirement of knowledge which was essentially theological.

The reason of this singular contradiction between the actions of men alike animated by a strong and disinterested desire to promote the welfare of their fellows, is easily discovered.

At that time, in fact, if any one desired knowledge beyond such as could be obtained by his own observation, or by common conversation, his first necessity was to learn the Latin language, inasmuch as all the higher knowledge of the western world was contained in works written in that language. Hence, Latin grammar, with logic and rhetoric, studied through Latin, were the fundamentals of education. With respect to the substance of the knowledge imparted through this channel, the Jewish and Christian Scriptures, as interpreted and supplemented by the Romish Church, were held to contain a complete and infallibly true body of information.

Theological dicta were, to the thinkers of those days, that

which the axioms and definitions of Euclid are to the geometers of these. The business of the philosophers of the middle ages was to deduce from the data furnished by the theologians, conclusions in accordance with ecclesiastical decrees. They were allowed the high privilege of showing, by logical process, how and why that which the Church said was true, must be true. And if their demonstrations fell short of or exceeded this limit, the Church was maternally ready to check their aberrations; if need were by the help of the secular arm.

Between the two, our ancestors were furnished with a compact and complete criticism of life. They were told how the world began and how it would end; they learned that all material existence was but a base and insignificant blot upon the fair face of the spiritual world, and that nature was, to all intents and purposes, the play-ground of the devil; they learned that the earth is the center of the visible universe, and that man is the cynosure of things terrestrial; and more especially was it inculcated that the course of nature had no fixed order, but that it could be, and constantly was, altered by the agency of innumerable spiritual beings, good and bad, according as they were moved by the deeds and prayers of men. The sum and substance of the whole doctrine was to produce the conviction that the only thing really worth knowing in this world was how to secure that place in a better which, under certain conditions, the Church promised.

Our ancestors had a living belief in this theory of life, and acted upon it in their dealings with education, as in all other matters. Culture meant saintliness—after the fashion of the saints of those days; the education that led to it was, of necessity, theological; and the way to theology lay through Latin.

That the study of nature—further than was requisite for

the satisfaction of everyday wants—should have any bearing on human life was far from the thoughts of men thus trained. Indeed, as nature had been cursed for man's sake, it was an obvious conclusion that those who meddled with nature were likely to come into pretty close contact with Satan. And, if any born scientific investigator followed his instincts, he might safely reckon upon earning the reputation, and probably upon suffering the fate, of a sorcerer.

Had the western world been left to itself in Chinese isolation, there is no saying how long this state of things might have endured. But, happily, it was not left to itself. Even earlier than the thirteenth century, the development of Moorish civilization in Spain and the great movement of the Crusades had introduced the leaven which, from that day to this, has never ceased to work. At first, through the intermediation of Arabic translations, afterwards by the study of the originals, the western nations of Europe became acquainted with the writings of the ancient philosophers and poets, and, in time, with the whole of the vast literature of antiquity.

Whatever there was of high intellectual aspiration or dominant capacity in Italy, France, Germany, and England, spent itself for centuries in taking possession of the rich inheritance left by the dead civilizations of Greece and Rome. Marvelously aided by the invention of printing, classical learning spread and flourished. Those who possessed it prided themselves on having attained the highest culture then within the reach of mankind.

And justly. For, saving Dante on his solitary pinnacle, there was no figure in modern literature at the time of the Renascence to compare with the men of antiquity; there was no art to compete with their sculpture; there was no physical science but that which Greece had created. Above all, there was no other example of perfect intellectual freedom

—of the unhesitating acceptance of reason as the sole guide to truth and the supreme arbiter of conduct.

The new learning necessarily soon exerted a profound influence upon education. The language of the monks and schoolmen seemed little better than gibberish to scholars fresh from Virgil and Cicero, and the study of Latin was placed upon a new foundation. Moreover, Latin itself ceased to afford the sole key to knowledge. The student who sought the highest thought of antiquity, found only a second-hand reflection of it in Roman literature, and turned his face to the full light of the Greeks. And after a battle, not altogether dissimilar to that which is at present being fought over the teaching of physical science, the study of Greek was recognized as an essential element of all higher education.

Thus the Humanists, as they were called, won the day; and the great reform which they effected was of incalculable service to mankind. But the Nemesis of all reformers is finality; and the reformers of education, like those of religion, fell into the profound, however common, error of mistaking the beginning for the end of the work of reformation.

The representatives of the Humanists, in the nineteenth century, take their stand upon classical education as the sole avenue to culture, as firmly as if we were still in the age of Renascence. Yet, surely, the present intellectual relations of the modern and the ancient worlds are profoundly different from those which obtained three centuries ago. Leaving aside the existence of a great and characteristically modern literature, of modern painting, and, especially, of modern music, there is one feature of the present state of the civilized world which separates it more widely from the Renascence, than the Renascence was separated from the middle ages.

This distinctive character of our own times lies in the vast and constantly increasing part which is played by natural knowledge. Not only is our daily life shaped by it, not only does the prosperity of millions of men depend upon it, but our whole theory of life has long been influenced, consciously or unconsciously, by the general conceptions of the universe, which have been forced upon us by physical science.

In fact, the most elementary acquaintance with the results of scientific investigation shows us that they offer a broad and striking contradiction to the opinion so implicitly credited and taught in the middle ages.

The notions of the beginning and the end of the world entertained by our forefathers are no longer credible. It is very certain that the earth is not the chief body in the material universe, and that the world is not subordinated to man's use. It is even more certain that nature is the expression of a definite order with which nothing interferes, and that the chief business of mankind is to learn that order and govern themselves accordingly. Moreover this scientific "criticism of life" presents itself to us with different credentials from any other. It appeals not to authority, nor to what anybody may have thought or said, but to nature. It admits that all our interpretations of natural fact are more or less imperfect and symbolic, and bids the learner seek for truth not among words but among things. It warns us that the assertion which outstrips evidence is not only a blunder but a crime.

The purely classical education advocated by the representatives of the Humanists in our day, gives no inkling of all this. A man may be a better scholar than Erasmus,[1]

[1] Desiderius Erasmus (1466?-1536), philosopher, man of letters and Biblical scholar, perhaps the greatest of the Humanists of the Renascence.

and know no more of the chief causes of the present intellectual fermentation than Erasmus did. Scholarly and pious persons, worthy of all respect, favor us with allocutions upon the sadness of the antagonism of science to their mediæval way of thinking, which betray an ignorance of the first principles of scientific investigation, an incapacity for understanding what a man of science means by veracity, and an unconsciousness of the weight of established scientific truths, which is almost comical.

There is no great force in the *tu quoque* argument, or else the advocates of scientific education might fairly enough retort upon the modern Humanists that they may be learned specialists, but that they possess no such sound foundation for a criticism of life as deserves the name of culture. And, indeed, if we were disposed to be cruel, we might urge that the Humanists have brought this reproach upon themselves, not because they are too full of the spirit of the ancient Greek, but because they lack it.

The period of the Renascence is commonly called that of the "Revival of Letters," as if the influences then brought to bear upon the mind of Western Europe had been wholly exhausted in the field of literature. I think it is very commonly forgotten that the revival of science, effected by the same agency, although less conspicuous, was not less momentous.

In fact, the few and scattered students of nature of that day picked up the clew to her secrets exactly as it fell from the hands of the Greeks a thousand years before. The foundations of mathematics were so well laid by them, that our children learn their geometry from a book written for the schools of Alexandria two thousand years ago.[1] Modern astronomy is the natural continuation and development of

[1] Euclid's *Elements*. The work of the other Greek scientists and physicians mentioned is sufficiently indicated by Huxley's remarks.

the work of Hipparchus and of Ptolemy; modern physics of that of Democritus and of Archimedes; it was long before modern biological science outgrew the knowledge bequeathed to us by Aristotle, by Theophrastus, and by Galen.

We cannot know all the best thoughts and sayings of the Greeks unless we know what they thought about natural phenomena. We cannot fully apprehend their criticism of life unless we understand the extent to which that criticism was affected by scientific conceptions. We falsely pretend to be the inheritors of their culture, unless we are penetrated, as the best minds among them were, with an unhesitating faith that the free employment of reason, in accordance with scientific method, is the sole method of reaching truth.

Thus I venture to think that the pretensions of our modern Humanists to the possession of the monopoly of culture and to the exclusive inheritance of the spirit of antiquity must be abated, if not abandoned. But I should be very sorry that anything I have said should be taken to imply a desire on my part to depreciate the value of classical education, as it might be and as it sometimes is. The native capacities of mankind vary no less than their opportunities; and while culture is one, the road by which one man may best reach it is widely different from that which is most advantageous to another. Again, while scientific education is yet inchoate and tentative, classical education is thoroughly well organized upon the practical experience of generations of teachers. So that, given ample time for learning and destination for ordinary life, or for a literary career, I do not think that a young Englishman in search of culture can do better than follow the course usually marked out for him, supplementing its deficiencies by his own efforts.

But for those who mean to make science their serious occupation; or who intend to follow the profession of medi-

cine; or who have to enter early upon the business of life; for all these, in my opinion, classical education is a mistake; and it is for this reason that I am glad to see "mere literary education and instruction" shut out from the curriculum of Sir Josiah Mason's College, seeing that its inclusion would probably lead to the introduction of the ordinary smattering of Latin and Greek.

Nevertheless, I am the last person to question the importance of genuine literary education, or to suppose that intellectual culture can be complete without it. An exclusively scientific training will bring about a mental twist as surely as an exclusively literary training. The value of the cargo does not compensate for a ship's being out of trim; and I should be very sorry to think that the Scientific College would turn out none but lop-sided men.

There is no need, however, that such a catastrophe should happen. Instruction in English, French, and German is provided, and thus the three greatest literatures of the modern world are made accessible to the student.

French and German, and especially the latter language, are absolutely indispensable to those who desire full knowledge in any department of science. But even supposing that the knowledge of these languages acquired is not more than sufficient for purely scientific purposes, every Englishman has, in his native tongue, an almost perfect instrument of literary expression; and, in his own literature, models of every kind of literary excellence. If an Englishman cannot get literary culture out of his Bible, his Shakespeare, his Milton, neither, in my belief, will the profoundest study of Homer and Sophocles, Virgil and Horace, give it to him.

Thus, since the constitution of the College makes sufficient provision for literary as well as for scientific education, and since artistic instruction is also contemplated, it seems

to me that a fairly complete culture is offered to all who are willing to take advantage of it.

. . . . . .

And, as to the desirableness of a wider culture than that yielded by science alone, it is to be recollected that the improvement of manufacturing processes is only one of the conditions which contribute to the prosperity of industry. Industry is a means and not an end; and mankind work only to get something which they want. What that something is depends partly on their innate, and partly on their acquired, desires.

If the wealth resulting from prosperous industry is to be spent upon the gratification of unworthy desires, if the increasing perfection of manufacturing processes is to be accompanied by an increasing debasement of those who carry them on, I do not see the good of industry and prosperity.

Now it is perfectly true that men's views of what is desirable depend upon their characters; and that the innate proclivities to which we give that name are not touched by any amount of instruction. But it does not follow that even mere intellectual education may not, to an indefinite extent, modify the practical manifestation of the characters of men in their actions, by supplying them with motives unknown to the ignorant. A pleasure-loving character will have pleasure of some sort; but, if you give him the choice, he may prefer pleasures which do not degrade him to those which do. And this choice is offered to every man, who possesses in literary or artistic culture a never-failing source of pleasures, which are neither withered by age, nor staled by custom, nor embittered in the recollection by the pangs of self-reproach.

QUESTIONS

1. What does Huxley here maintain to be the object of education?

2. What is his distinction between science and art? Does he make it absolute?

3. How does he illustrate his point from Bach's fugues and from literature?

4. What is his criticism of the literary education of his youth? Would he have the same attitude toward any literary education?

5. Outline Huxley's ideal scheme of education? How does it compare with present-day ideas on the subject?

XVI

ON SCIENCE AND ART IN RELATION TO EDUCATION

(*Science and Education,* VII)

I TAKE it that the whole object of education is, in the first place, to train the faculties of the young in such a manner as to give their possessors the best chance of being happy and useful in their generation; and, in the second place, to furnish them with the most important portions of that immense capitalized experience of the human race which we call knowledge of various kinds. I am using the term knowledge in its widest possible sense; and the question is, what subjects to select by training and discipline, in which the object I have just defined may be best attained.

I must call your attention further to this fact, that all the subjects of our thoughts—all feelings and propositions (leaving aside our sensations as the mere materials and occasions of thinking and feeling), all our mental furniture—may be classified under one of two heads—as either within the province of the intellect, something that can be put into propositions and affirmed or denied; or as within the province of feeling, or that which, before the name was defiled, was called the æsthetic side of our nature, and which can neither be proved nor disproved, but only felt and known.

According to the classification which I have put before you, then, the subjects of all knowledge are divisible into the two groups, matters of science and matters of art; for all

things with which the reasoning faculty alone is occupied, come under the province of science; and in the broadest sense, and not in the narrow and technical sense in which we are now accustomed to use the word art, all things feelable, all things which stir our emotions, come under the term of art, in the sense of the subject-matter of the æsthetic faculty. So that we are shut up to this—that the business of education is, in the first place, to provide the young with the means and the habit of observation; and, secondly, to supply the subject-matter of knowledge either in the shape of science or of art, or of both combined.

Now, it is a very remarkable fact—but it is true of most things in this world—that there is hardly anything one-sided, or of one nature; and it is not immediately obvious what of the things that interest us may be regarded as pure science, and what may be regarded as pure art. It may be that there are some peculiarly constituted persons who, before they have advanced far into the depths of geometry, find artistic beauty about it; but, taking the generality of mankind, I think it may be said that, when they begin to learn mathematics, their whole souls are absorbed in tracing the connection between the premises and the conclusion, and that to them geometry is pure science. So I think it may be said that mechanics and osteology are pure science. On the other hand, melody in music is pure art. You cannot reason about it; there is no proposition involved in it. So, again, in the pictorial art, an arabesque, or a "harmony in gray," touches none but the æsthetic faculty. But a great mathematician, and even many persons who are not great mathematicians, will tell you that they derive immense pleasure from geometrical reasonings. Everybody knows mathematicians speak of solutions and problems as "elegant," and they tell you that a certain mass of mystic symbols is "beautiful, quite lovely." Well, you do not see it. They do

see it, because the intellectual process, the process of comprehending the reasons symbolized by these figures and these signs, confers upon them a sort of pleasure, such as an artist has in visual symmetry. Take a science of which I may speak with more confidence, and which is the most attractive of those I am concerned with. It is what we call morphology, which consists in tracing out the unity in variety of the infinitely diversified structures of animals and plants. I cannot give you any example of a thorough æsthetic pleasure more intensely real than a pleasure of this kind—the pleasure which arises in one's mind when a whole mass of different structures run into one harmony as the expression of a central law. That is where the province of art overlays and embraces the province of intellect. And, if I may venture to express an opinion on such a subject, the great majority of forms of art are not in the sense what I just now defined them to be—pure art; but they derive much of their quality from simultaneous and even unconscious excitement of the intellect.

When I was a boy, I was very fond of music, and I am so now; and it so happened that I had the opportunity of hearing much good music. Among other things, I had abundant opportunities of hearing that great old master, Sebastian Bach.[1] I remember perfectly well—though I knew nothing about music then, and, I may add, know nothing whatever about it now—the intense satisfaction and delight which I had in listening, by the hour together, to Bach's fugues. It is a pleasure which remains with me, I am glad to think; but, of late years, I have tried to find out the why and wherefore, and it has often occurred to me that the pleasure derived from musical compositions of

[1] Johann Sebastian Bach (1685-1750), the great German organist and composer of church music: his works were first appreciated at their true value during the time of Huxley's boyhood.

this kind is essentially of the same nature as that which is derived from pursuits which are commonly regarded as purely intellectual. I mean, that the source of pleasure is exactly the same as in most of my problems in morphology —that you have the theme in one of the old master's works followed out in all its endless variations, always appearing and always reminding you of unity in variety. So in painting; what is called "truth to nature" is the intellectual element coming in, and truth to nature depends entirely upon the intellectual culture of the person to whom art is addressed. If you are in Australia, you may get credit for being a good artist—I mean among the natives—if you can draw a kangaroo after a fashion. But, among men of higher civilization, the intellectual knowledge we possess brings its criticism into our appreciation of works of art, and we are obliged to satisfy it, as well as the mere sense of beauty in color and in outline. And so, the higher the culture and information of those whom art addresses, the more exact and precise must be what we call its "truth to nature."

If we turn to literature, the same thing is true, and you find works of literature which may be said to be pure art. A little song of Shakespeare or of Goethe is pure art; it is exquisitely beautiful, although its intellectual content may be nothing. A series of pictures is made to pass before your mind by the meaning of words, and the effect is a melody of ideas. Nevertheless, the great mass of the literature we esteem is valued, not merely because of having artistic form, but because of its intellectual content; and the value is the higher the more precise, distinct, and true is that intellectual content. And, if you will let me for a moment speak of the very highest forms of literature, do we not regard them as highest simply because the more we know the truer they seem, and the more competent we are to appreciate beauty the more beautiful they are? No man ever understands

Shakespeare until he is old, though the youngest may admire him, the reason being that he satisfies the artistic instinct of the youngest and harmonizes with the ripest and richest experience of the oldest.[1]

I have said this much to draw your attention to what, to my mind, lies at the root of all this matter, and at the understanding of one another by the men of science on the one hand, and the men of literature, and history, and art, on the other. It is not a question whether one order of study or another should predominate. It is a question of what topics of education you shall select which will combine all the needful elements in such due proportion as to give the greatest amount of food, support, and encouragement to those faculties which enable us to appreciate truth, and to profit by those sources of innocent happiness which are open to us, and, at the same time, to avoid that which is bad, and coarse,

[1] Compare with this the explanation which Wordsworth gives, in the Preface to the *Lyrical Ballads*, of the pleasure conveyed by literature: "It is the language of men who speak of what they do not understand; who talk of Poetry as of a matter of amusement and idle pleasure; who will converse with us as gravely about a *taste* for Poetry, as they express it, as if it were a thing as indifferent as a taste for rope-dancing, or Frontiniac or Sherry. . . . Its object is truth, not individual and local, but general, and operative; not standing upon external testimony, but carried alive into the heart by passion. . . . The Poet writes under one restriction only, namely, the necessity of giving immediate pleasure. . . . Nor let this necessity of producing immediate pleasure be considered as a degradation of the Poet's art. It is far otherwise. It is an acknowledgment of the beauty of the universe, an acknowledgment the more sincere, because not formal, but indirect; it is a task light and easy to him who looks at the world in the spirit of love: further, it is a homage paid to the native and naked dignity of man, to the grand elementary principle of pleasure, by which he knows, and feels, and lives, and moves. We have no sympathy but what is propagated by pleasure. . . . We have no knowledge, that is, no general principles drawn from the contemplation of particular facts, but what has been built up by pleasure, and exists in us by pleasure alone."

and ugly, and keep clear of the multitude of pitfalls and dangers which beset those who break through the natural or moral laws.

I address myself, in this spirit, to the consideration of the question of the value of purely literary education. Is it good and sufficient, or is it insufficient and bad? Well, here I venture to say that there are literary educations and literary educations. If I am to understand by that term the education that was current in the great majority of middle-class schools, and upper schools too, in this country when I was a boy, and which consisted absolutely and almost entirely in keeping boys for eight or ten years at learning the rules of Latin and Greek grammar, construing certain Latin and Greek authors, and possibly making verses which, had they been English verses, would have been condemned as abominable doggerel,—if that is what you mean by liberal education, then I say it is scandalously insufficient and almost worthless. My reason for saying so is not from the point of view of science at all, but from the point of view of literature. I say the thing professes to be literary education that is not a literary education at all. It was not literature at all that was taught, but science in a very bad form. It is quite obvious that grammar is science and not literature. The analysis of a text by the help of the rules of grammar is just as much a scientific operation as the analysis of a chemical compound by the help of the rules of chemical analysis. There is nothing that appeals to the æsthetic faculty in that operation; and I ask multitudes of men of my own age, who went through this process, whether they ever had a conception of art or literature until they obtained it for themselves after leaving school? Then you may say, "If that is so, if the education was scientific, why cannot you be satisfied with it?" I say, because although it is a scientific training, it is of the most inadequate and inappro-

priate kind. If there is any good at all in scientific education it is that men should be trained, as I said before, to know things for themselves at first hand, and that they should understand every step of the reason of that which they do.

I desire to speak with the utmost respect of that science—philology—of which grammar is a part and parcel; yet everybody knows that grammar, as it is usually learned at school, affords no scientific training. It is taught just as you would teach the rules of chess or draughts. On the other hand, if I am to understand by a literary education the study of the literatures of either ancient or modern nations—but especially those of antiquity, and especially that of ancient Greece; if this literature is studied, not merely from the point of view of philological science, and its practical application to the interpretation of texts, but as an exemplification of and commentary upon the principles of art; if you look upon the literature of a people as a chapter in the development of the human mind, if you work out this in a broad spirit, and with such collateral references to morals and politics, and physical geography, and the like as are needful to make you comprehend what the meaning of ancient literature and civilization is,—then, assuredly, it affords a splendid and noble education. But I still think it is susceptible of improvement, and that no man will ever comprehend the real secret of the difference between the ancient world and our present time, unless he has learned to see the difference which the late development of physical science has made between the thought of this day and the thought of that, and he will never see that difference, unless he has some practical insight into some branches of physical science; and you must remember that a literary education such as that which I have just referred to, is out of the reach of those whose school life is cut short at sixteen or seventeen.

But, you will say, all this is fault-finding; let us hear what

you have in the way of positive suggestion. Then I am bound to tell you that, if I could make a clean sweep of everything—I am very glad I cannot because I might, and probably should, make mistakes,—but if I could make a clean sweep of everything and start afresh, I should, in the first place, secure that training of the young in reading and writing, and in the habit of attention and observation, both to that which is told them, and that which they see, which everybody agrees to. But in addition to that, I should make it absolutely necessary for everybody, for a longer or shorter period, to learn to draw. Now, you may say, there are some people who cannot draw, however much they may be taught. I deny that *in toto,* because I never yet met with anybody who could not learn to write. Writing is a form of drawing; therefore if you give the same attention and trouble to drawing as you do to writing, depend upon it, there is nobody who cannot be made to draw, more or less well. Do not misapprehend me. I do not say for one moment you would make an artistic draughtsman. Artists are not made; they grow. You may improve the natural faculty in that direction, but you cannot make it; but you can teach simple drawing, and you will find it an implement of learning of extreme value. I do not think its value can be exaggerated, because it gives you the means of training the young in attention and accuracy, which are the two things in which all mankind are more deficient than in any other mental quality whatever. The whole of my life has been spent in trying to give my proper attention to things and to be accurate, and I have not succeeded as well as I could wish; and other people, I am afraid, are not much more fortunate. You cannot begin this habit too early, and I consider there is nothing of so great a value as the habit of drawing, to secure those two desirable ends.

Then we come to the subject-matter, whether scientific

or æsthetic, of education, and I should naturally have no question at all about teaching the elements of physical science of the kind I have sketched, in a practical manner; but among scientific topics, using the word scientific in the broadest sense, I would also include the elements of the theory of morals and of that of political and social life, which, strangely enough, it never seems to occur to anybody to teach a child. I would have the history of our own country, and of all the influences which have been brought to bear upon it, with incidental geography, not as a mere chronicle of reigns and battles, but as a chapter in the development of the race, and the history of civilization.

Then with respect to æsthetic knowledge and discipline, we have happily in the English language one of the most magnificent storehouses of artistic beauty and of models of literary excellence which exists in the world at the present time. I have said before,[1] and I repeat it here, that if a man cannot get literary culture of the highest kind out of his Bible, and Chaucer, and Shakespeare, and Milton, and Hobbes, and Bishop Berkeley, to mention only a few of our illustrious writers—I say, if he cannot get it out of those writers, he cannot get it out of anything; and I would assuredly devote a very large portion of the time of every English child to the careful study of the models of English writing of such varied and wonderful kind as we possess, and, what is still more important and still more neglected, the habit of using that language with precision, with force, and with art. I fancy we are almost the only nation in the world who seem to think that composition comes by nature. The French attend to their own language, the Germans study theirs; but Englishmen do not seem to think it is worth their while. Nor would I fail to include, in the course of study I am sketching, translations of all the best works of

[1] See "Science and Culture," p. 288 in this volume.

antiquity, or of the modern world. It is a very desirable thing to read Homer in Greek; but if you don't happen to know Greek, the next best thing we can do is to read as good a translation of it as we have recently been furnished with in prose.[1] You won't get all you would get from the original, but you may get a great deal; and to refuse to know this great deal because you cannot get all, seems to be as sensible as for a hungry man to refuse bread because he cannot get partridge. Finally, I would add instruction in either music or painting, or, if the child should be so unhappy, as sometimes happens, as to have no faculty for either of those, and no possibility of doing anything in any artistic sense with them, then I would see what could be done with literature alone; but I would provide, in the fullest sense, for the development of the æsthetic side of the mind. In my judgment, those are all the essentials of education for an English child. With that outfit, such as it might be made in the time given to education which is within the reach of nine-tenths of the population—with that outfit, an Englishman, within the limits of English life, is fitted to go anywhere, to occupy the highest positions, to fill the highest offices of the State, and to become distinguished in practical pursuits, in science, or in art. For, if he have the opportunity to learn all those things, and have his mind disciplined in the various directions the teaching of those topics would have necessitated, then, assuredly, he will be able to pick up, on his road through life, all the rest of the intellectual baggage he wants.

If the educational time at our disposition were sufficient, there are one or two things I would add to those I have just now called the essentials; and perhaps you will be surprised to hear, though I hope you will not, that I should add,

[1] The Lang, Leaf, Myers, and Butcher translation, which was first published in 1882, the year in which this address was delivered.

not more science, but one, or, if possible, two languages. The knowledge of some other language than one's own is, in fact, of singular intellectual value. Many of the faults and mistakes of the ancient philosophers are traceable to the fact that they knew no language but their own, and were often led into confusing the symbol with the thought which it embodied. I think it is Locke who says that one-half of the mistakes of philosophers have arisen from questions about words;[1] and one of the safest ways of delivering yourself from the bondage of words is, to know how ideas look in words to which you are not accustomed. That is one reason for the study of language; another reason is, that it opens new fields in art and in science. Another is the practical value of such knowledge; and yet another is this, that if your languages are properly chosen, from the time of learning the additional languages you will know your own language better than ever you did. So, I say, if the time given to education permits, add Latin and German. Latin, because it is the key to nearly one-half of English and to all the Romance languages; and German, because it is the key to almost all the remainder of English, and helps you to understand a race from whom most of us have sprung, and who have a character and a literature of a fateful force in the history of the world, such as probably has been allotted to those of no other people, except the Jews, the Greeks, and ourselves. Beyond these, the essential and the eminently desirable elements of all education, let each man take up his

[1] *Essay Concerning Human Understanding*, Bk. III, ch. xi, sect. 7: "And here I desire it may be considered, and carefully examined, whether the greatest part of the disputes in the world are not merely verbal, and about the signification of words; and whether, if the terms they are made in were defined, and reduced in their signification (as they must be where they signify anything) to determined collections of the simple ideas they do or should stand for, those disputes would not end of themselves, and immediately vanish." The whole of Book III deals with this subject.

special line—the historian devote himself to his history, the man of science to his science, the man of letters to his culture of that kind, and the artist to his special pursuit.

Bacon has prefaced some of his works [1] with no more than this: *Franciscus Bacon sic cogitavit;* let "sic cogitavi" be the epilogue to what I have ventured to address to you to-night.

[1] For example, the *Novum Organum.*

RUSKIN

"UNTO THIS LAST"

"FRIEND, I DO THEE NO WRONG. DIDST NOT THOU AGREE WITH ME FOR A PENNY? TAKE THAT THINE IS, AND GO THY WAY. I WILL GIVE UNTO THIS LAST EVEN AS UNTO THEE."

"IF YE THINK GOOD, GIVE ME MY PRICE; AND IF NOT, FORBEAR. SO THEY WEIGHED FOR MY PRICE THIRTY PIECES OF SILVER."

Bibliographical Note.—The four chapters of *"Unto this Last"* first appeared in the *Cornhill Magazine* in the last four months of 1860. Further papers had been intended by Ruskin, but the storm of indignation in the public press was such that Thackeray, then editor of the *Cornhill,* declined to admit any further contributions by Ruskin on political economy. Ruskin, who regarded these papers as the most important of his writings, reprinted them in book form in 1862. Although no further edition appeared till 1877, his judgment of the book's value has been supported by the very large number of editions which have been called for since that date, amounting, it is said, to a total of over 130,000 copies.

XVII

"UNTO THIS LAST": PREFACE

1. THE four following essays were published eighteen months ago in the *Cornhill Magazine,* and were reprobated in a violent manner, as far as I could hear, by most of the readers they met with.

Not a whit the less, I believe them to be the best, that is to say, the truest, rightest-worded, and most serviceable things I have ever written; and the last of them, having had especial pains spent on it, is probably the best I shall ever write.

"This," the reader may reply, "it might be, yet not therefore well written." Which, in no mock humility, admitting, I yet rest satisfied with the work, though with nothing else that I have done; and purposing shortly to follow out the subjects opened in these papers, as I may find leisure, I wish the introductory statements to be within the reach of any one who may care to refer to them. So I republish the essays as they appeared. One word only is changed, correcting the estimate of a weight;[1] and no word is added.[2]

2. Although, however, I find nothing to modify in these papers, it is matter of regret to me that the most startling of

[1] See below, sect. 48, where "seventeen" was originally "thirteen."

[2] *Note to Second Edition.—An addition is made to the note in the Fourteenth page* [in this edition, sect. 5] of the preface of this book; which, being the most precious, in its essential contents, of all that I have ever written, I reprint word for word and page for page, after that addition, and make as accessible as I can, to all. [Ruskin.]

all the statements in them,—that respecting the necessity of the organization of labor, with fixed wages,—should have found its way into the first essay; it being quite one of the least important, though by no means the least certain, of the positions to be defended. The real gist of these papers, their central meaning and aim, is to give, as I believe for the first time in plain English,—it has often been incidentally given in good Greek by Plato and Xenophon, and good Latin by Cicero and Horace,—a logical definition of WEALTH: such definition being absolutely needed for a basis of economical science. The most reputed essay on that subject which has appeared in modern times, after opening with the statement that "writers on political economy profess to teach, or to investigate,[1] the nature of wealth," thus follows up the declaration of its thesis—"Every one has a notion, sufficiently correct for common purposes, of what is meant by wealth." . . . "It is no part of the design of this treatise to aim at metaphysical nicety of definition."[2]

3. Metaphysical nicety, we assuredly do not need; but physical nicety, and logical accuracy, with respect to a physical subject, we as assuredly do.

Suppose the subject of inquiry, instead of being House-law (*Oikonomia*), had been Star-law (*Astronomia*), and that, ignoring distinction between stars fixed and wandering, as here between wealth radiant and wealth reflective, the writer had begun thus: "Every one has a notion, sufficiently correct for common purposes, of what is meant by stars. Metaphysical nicety in the definition of a star is not the object of this treatise";—the essay so opened might yet have been far more true in its final statements, and a thou-

[1] Which? for where investigation is necessary, teaching is impossible. [Ruskin.]

[2] *Principles of Political Economy.* By J. S. Mill. Preliminary remarks, p. 2. [Ruskin.]

sand-fold more serviceable to the navigator, than any treatise on wealth, which founds its conclusions on the popular conception of wealth, can ever become to the economist.[1]

4. It was, therefore, the first object of these following papers to give an accurate and stable definition of wealth. Their second object was to show that the acquisition of wealth was finally possible only under certain moral conditions of society, of which quite the first was a belief in the existence, and even, for practical purposes, in the attainability of honesty.

Without venturing to pronounce—since on such a matter human judgment is by no means conclusive—what is, or is not, the noblest of God's works, we may yet admit so much of Pope's assertion [2] as that an honest man is among His best works presently visible, and, as things stand, a somewhat rare one; but not an incredible or miraculous work; still less an abnormal one. Honesty is not a disturbing force, which deranges the orbits of economy; but a consistent and commanding force, by obedience to which—and by no other obedience—those orbits can continue clear of chaos.

5. It is true, I have sometimes heard Pope condemned for the lowness, instead of the height, of his standard:—"Honesty is indeed a respectable virtue; but how much higher may men attain! Shall nothing more be asked of us than that we be honest?"

For the present, good friends, nothing. It seems that in our aspirations to be more than that, we have to some extent lost sight of the propriety of being so much as that. What else we may have lost faith in, there shall be here no

[1] For a general discussion of Ruskin's attack on the classical Political Economy the student should read J. A. Hobson's *John Ruskin, Social Reformer*, especially ch. iii. A briefer discussion is to be found in *College English*, ch. iv.

[2] *Essay on Man*, IV, 248.

question; but assuredly we have lost faith in common honesty, and in the working power of it. And this faith, with the facts on which it may rest, it is quite our first business to recover and keep: not only believing, but even by experience assuring ourselves, that there are yet in the world men who can be restrained from fraud otherwise than by the fear of losing employment;[1] nay, that it is even accurately in proportion to the number of such men in any State, that the said State does or can prolong its existence.

To these two points, then, the following essays are mainly directed. The subject of the organization of labor is only casually touched upon; because, if we once can get a sufficient quantity of honesty in our captains, the organization of labor is easy, and will develop itself without quarrel or difficulty; but if we cannot get honesty in our captains, the organization of labor is for evermore impossible.

6. The several conditions of its possibility I purpose to examine at length in the sequel. Yet, lest the reader should be alarmed by the hints thrown out during the following

[1] "The effectual discipline which is exercised over a workman is not that of his corporation, but of his customers. It is the fear of losing their employment which restrains his frauds, and corrects his negligence." (*Wealth of Nations,* Bk. I, ch. x.)

Note to Second Edition.—The only addition I will make to the words of this book shall be a very earnest request to any Christian reader to think within himself what an entirely damned state of soul any human creature must have got into, who could read with acceptance such a sentence as this: much more, write it; and to oppose to it, the first commercial words of Venice, discovered by me in her first church:—

"Around this temple, let the Merchant's law be just, his weights true, and his contracts guileless."

If any of my present readers think that my language in this note is either intemperate, or unbecoming, I will beg them to read with attention the eighteenth paragraph of *Sesame and Lilies,* and to be assured that I never, myself, now use, in writing, any word which is not, in my deliberate judgment, the fittest for the occasion.

VENICE, *Sunday, 18th March,* 1877. [Ruskin.]

investigation of first principles, as if they were leading him into unexpectedly dangerous ground, I will, for his better assurance, state at once the worst of the political creed at which I wish him to arrive.

(1.) First,—that there should be training schools for youth established, at Government cost,[1] and under Government discipline, over the whole country; that every child born in the country should, at the parent's wish, be permitted (and, in certain cases, be under penalty required) to pass through them; and that, in these schools, the child should (with other minor pieces of knowledge hereafter to be considered) imperatively be taught, with the best skill of teaching that the country could produce, the following three things:—

(*a*) The laws of health, and the exercises enjoined by them;

(*b*) Habits of gentleness and justice; and

(*c*) The calling by which he is to live.

(2.) Secondly,—that, in connection with these training schools, there should be established, also entirely under Government regulation, manufactories and workshops for the production and sale of every necessary of life, and for the exercise of every useful art. And that, interfering no whit with private enterprise, nor setting any restraints or tax on private trade, but leaving both to do their best, and beat the Government if they could,—there should, at these Government manufactories and shops, be authoritatively

[1] It will probably be inquired by near-sighted persons, out of what funds such schools could be supported. The expedient modes of direct provision for them I will examine hereafter; indirectly, they would be far more than self-supporting. The economy in crime alone, (quite one of the most costly articles of luxury in the modern European market,) which such schools would induce, would suffice to support them ten times over. Their economy of labor would be pure gain, and that too large to be presently calculable. [Ruskin.]

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good and exemplary work done, and pure and true substance sold; so that a man could be sure, if he chose to pay the Government price, that he got for his money bread that was bread, ale that was ale, and work that was work.

(3.) Thirdly,—that any man, or woman, or boy, or girl, out of employment, should be at once received at the nearest Government school, and set to such work as it appeared, on trial, they were fit for, at a fixed rate of wages determinable every year;—that, being found incapable of work through ignorance, they should be taught, or being found incapable of work through sickness, should be tended; but that being found objecting to work, they should be set, under compulsion of the strictest nature, to the more painful and degrading forms of necessary toil, especially to that in mines and other places of danger (such danger being, however, diminished to the utmost by careful regulation and discipline), and the due wages of such work be retained, cost of compulsion first abstracted—to be at the workman's command, so soon as he has come to sounder mind respecting the laws of employment.

(4.) Lastly,—that for the old and destitute, comfort and home should be provided; which provision, when misfortune had been by the working of such a system sifted from guilt, would be honorable instead of disgraceful to the receiver. For (I repeat this passage out of my *Political Economy of Art,* to which the reader is referred for farther detail) "a laborer serves his country with his spade, just as a man in the middle ranks of life serves it with sword, pen, or lancet. If the service be less, and, therefore, the wages during health less, then the reward when health is broken may be less, but not less honorable; and it ought to be quite as natural and straightforward a matter for a laborer to take his pension from his parish, because he has deserved well of his parish,

as for a man in higher rank to take his pension from his country, because he has deserved well of his country."[1]

To which statement, I will only add, for conclusion, respecting the discipline and pay of life and death, that, for both high and low, Livy's last words touching Valerius Publicola, *"de publico est elatus,"*[2] ought not to be a dishonorable close of epitaph.

7. These things, then, I believe, and am about, as I find power, to explain and illustrate in their various bearings; following out also what belongs to them of collateral inquiry. Here I state them only in brief, to prevent the reader casting about in alarm for my ultimate meaning; yet requesting him, for the present, to remember, that in a science dealing with so subtle elements as those of human nature, it is only possible to answer for the final truth of principles, not for the direct success of plans: and that in the best of these last, what can be immediately accomplished is always questionable, and what can be finally accomplished, inconceivable.

Denmark Hill,
10*th May*, 1862.

[1] *A Joy for Ever* (first called *The Political Economy of Art*), Addenda, sect. 129.

[2] P. Valerius, by common consent a prince in the arts of war and peace, died during the last year; though he was great in honor, his personal possessions were so small that there was not enough to pay the cost of his funeral; *he was buried at the public expense.* (The more usual reading, "datus" in the place of "elatus," apparently means the same.) The Roman matrons mourned for him as for Brutus.—Livy, ii, 16. [Ruskin's note, with a translation in the place of the original Latin.]

QUESTIONS

(The numbers refer to paragraphs of the text.)

1-3. Why does Ruskin object to the attitude of the classical political economy toward the social affections? What is his illustration from gymnastics?

4-7. What is Ruskin's view of the question of self-interest or expediency vs. justice as a rule for men's actions?

8-10. What is the point to his illustrations from domestic and military service? Is his argument a sentimental one?

12-16. How does he apply this idea to manufacture? What is his argument for a fixed rate of wages irrespective of the demand for labor? What for keeping a fixed number of men employed?

17-19. What is Ruskin's explanation of the fact that men tend to put a higher estimate on the professions of war, medicine, law, and the ministry, than upon commerce?

20-25. What does he consider to be the true duty of the merchant, and under what circumstances does he think the merchant should be ready to suffer death or ruin for his country?

XVIII

THE ROOTS OF HONOR

(*"Unto this Last,"* Essay I)

1. Among the delusions which at different periods have possessed themselves of the minds of large masses of the human race, perhaps the most curious—certainly the least creditable—is the modern *soi-disant* science of political economy, based on the idea that an advantageous code of social action may be determined irrespectively of the influence of social affection.

Of course, as in the instances of alchemy, astrology, witchcraft, and other such popular creeds, political economy has a plausible idea at the root of it. "The social affections," says the economist, "are accidental and disturbing elements in human nature; but avarice and the desire of progress are constant elements. Let us eliminate the inconstants, and, considering the human being merely as a covetous machine, examine by what laws of labor, purchase, and sale, the greatest accumulative result in wealth is obtainable. Those laws once determined, it will be for each individual afterwards to introduce as much of the disturbing affectionate element as he chooses, and to determine for himself the result on the new conditions supposed."

2. This would be a perfectly logical and successful method of analysis, if the accidentals afterwards to be introduced were of the same nature as the powers first examined. Supposing a body in motion to be influenced by constant and inconstant forces, it is usually the simplest way of examining

its course to trace it first under the persistent conditions, and afterwards introduce the causes of variation. But the disturbing elements in the social problem are not of the same nature as the constant ones: they alter the essence of the creature under examination the moment they are added; they operate, not mathematically, but chemically, introducing conditions which render all our previous knowledge unavailable. We made learned experiments upon pure nitrogen, and have convinced ourselves that it is a very manageable gas: but, behold! the thing which we have practically to deal with is its chloride; and this, the moment we touch it on our established principles, sends us and our apparatus through the ceiling.

3. Observe, I neither impugn nor doubt the conclusion of the science if its terms are accepted. I am simply uninterested in them, as I should be in those of a science of gymnastics which assumed that men had no skeletons. It might be shown, on that supposition, that it would be advantageous to roll the students up into pellets, flatten them into cakes, or stretch them into cables; and that when these results were effected, the re-insertion of the skeleton would be attended with various inconveniences to their constitution. The reasoning might be admirable, the conclusions true, and the science deficient only in applicability. Modern political economy stands on a precisely similar basis. Assuming, not that the human being has no skeleton, but that it is all skeleton, it founds an ossifiant theory of progress on this negation of a soul; and having shown the utmost that may be made of bones, and constructed a number of interesting geometrical figures with death's-head and humeri, successfully proves the inconvenience of the reappearance of a soul among these corpuscular structures. I do not deny the truth of this theory: I simply deny its applicability to the present phase of the world.

4. This inapplicability has been curiously manifested during the embarrassment caused by the late strikes of our workmen. Here occurs one of the simplest cases, in a pertinent and positive form, of the first vital problem which political economy has to deal with (the relation between employer and employed); and, at a severe crisis, when lives in multitudes and wealth in masses are at stake, the political economists are helpless—practically mute: no demonstrable solution of the difficulty can be given by them, such as may convince or calm the opposing parties. Obstinately the masters take one view of the matter; obstinately the operatives another; and no political science can set them at one.

5. It would be strange if it could, it being not by "science" of any kind that men were ever intended to be set at one. Disputant after disputant vainly strives to show that the interests of the masters are, or are not, antagonistic to those of the men: none of the pleaders ever seeming to remember that it does not absolutely or always follow that the persons must be antagonistic because their interests are. If there is only a crust of bread in the house, and mother and children are starving, their interests are not the same. If the mother eats it, the children want it; if the children eat it, the mother must go hungry to her work. Yet it does not necessarily follow that there will be "antagonism" between them, that they will fight for the crust, and that the mother, being strongest, will get it, and eat it. Neither, in any other case, whatever the relations of the persons may be, can it be assumed for certain that, because their interests are diverse, they must necessarily regard each other with hostility, and use violence or cunning to obtain the advantage.

6. Even if this were so, and it were as just as it is convenient to consider men as actuated by no other moral influences than those which affect rats or swine, the logical conditions of the question are still indeterminable. It can

never be shown generally either that the interests of master and laborer are alike, or that they are opposed; for, according to circumstances, they may be either. It is, indeed, always the interest of both that the work should be rightly done, and a just price obtained for it; but, in the division of profits, the gain of the one may or may not be the loss of the other. It is not the master's interest to pay wages so low as to leave the men sickly and depressed, nor the workman's interest to be paid high wages if the smallness of the master's profit hinders him from enlarging his business, or conducting it in a safe and liberal way. A stoker ought not to desire high pay if the company is too poor to keep the engine-wheels in repair.

7. And the varieties of circumstance which influence these reciprocal interests are so endless, that all endeavor to deduce rules of action from balance of expediency is in vain. And it is meant to be in vain. For no human actions ever were intended by the Maker of men to be guided by balances of expediency, but by balances of justice. He has therefore rendered all endeavors to determine expediency futile for evermore.[1] No man ever knew, or can know, what will be the ultimate result to himself, or to others, of any given line of conduct. But every man may know, and most of us do know, what is a just and unjust act. And all of us may know also, that the consequences of justice will be ultimately the best possible, both to others and ourselves, though we can neither say what *is* best, or how it is likely to come to pass.

I have said balances of justice, meaning, in the term justice, to include affection,—such affection as one man *owes* to another. All right relations between master and operative, and all their best interests, ultimately depend on these.

[1] The student should compare Carlyle's *Past and Present,* Bk. III, ch. iv.

8. We shall find the best and simplest illustration of the relations of master and operative in the position of domestic servants.

We will suppose that the master of a household desires only to get as much work out of his servants as he can, at the rate of wages he gives. He never allows them to be idle; feeds them as poorly and lodges them as ill as they will endure, and in all things pushes his requirements to the exact point beyond which he cannot go without forcing the servant to leave him. In doing this, there is no violation on his part of what is commonly called "justice." He agrees with the domestic for his whole time and service, and takes them;—the limits of hardship in treatment being fixed by the practice of other masters in his neighborhood; that is to say, by the current rate of wages for domestic labor. If the servant can get a better place, he is free to take one, and the master can only tell what is the real market value of his labor, by requiring as much as he will give.

This is the politico-economical view of the case, according to the doctors of that science; who assert that by this procedure the greatest average of work will be obtained from the servant, and therefore the greatest benefit to the community, and through the community, by reversion, to the servant himself.

That, however, is not so. It would be so if the servant were an engine of which the motive power was steam, magnetism, gravitation, or any other agent of calculable force. But he being, on the contrary, an engine whose motive power is a Soul, the force of this very peculiar agent, as an unknown quantity, enters into all the political economist's equations, without his knowledge, and falsifies every one of their results. The largest quantity of work will not be done by this curious engine for pay, or under pressure, or by help of any kind of fuel which may be supplied by the chaldron.

It will be done only when the motive force, that is to say, the will or spirit of the creature, is brought to its greatest strength by its own proper fuel: namely, by the affections.

9. It may indeed happen, and does happen often, that if the master is a man of sense and energy, a large quantity of material work may be done under mechanical pressure, enforced by strong will and guided by wise method; also it may happen, and does happen often, that if the master is indolent and weak (however good-natured), a very small quantity of work, and that bad, may be produced by the servant's undirected strength, and contemptuous gratitude. But the universal law of the matter is that, assuming any given quantity of energy and sense in master and servant, the greatest material result obtainable by them will be, not through antagonism to each other, but through affection for each other; and that, if the master, instead of endeavoring to get as much work as possible from the servant, seeks rather to render his appointed and necessary work beneficial to him, and to forward his interests in all just and wholesome ways, the real amount of work ultimately done, or of good rendered, by the person so cared for, will indeed be the greatest possible.

Observe, I say, "of good rendered," for a servant's work is not necessarily or always the best thing he can give his master. But good of all kinds, whether in material service, in protective watchfulness of his master's interest and credit, or in joyful readiness to seize unexpected and irregular occasions of help.

Nor is this one whit less generally true because indulgence will be frequently abused, and kindness met with ingratitude. For the servant who, gently treated, is ungrateful, treated ungently, will be revengeful; and the man who is dishonest to a liberal master will be injurious to an unjust one.

10. In any case, and with any person, this unselfish treat-

ment will produce the most effective return. Observe, I am here considering the affections wholly as a motive power; not at all as things in themselves desirable or noble, or in any other way abstractedly good. I look at them simply as an anomalous force, rendering every one of the ordinary political economist's calculations nugatory; while, even if he desired to introduce this new element into his estimates, he has no power of dealing with it; for the affections only become a true motive power when they ignore every other motive and condition of political economy. Treat the servant kindly, with the idea of turning his gratitude to account, and you will get, as you deserve, no gratitude, nor any value for your kindness; but treat him kindly without any economical purpose, and all economical purposes will be answered; in this, as in all other matters, whosoever will save his life shall lose it, whoso loses it shall find it.[1]

[1] The difference between the two modes of treatment, and between their effective material results, may be seen very accurately by a comparison of the relations of Esther and Charlie in *Bleak House* with those of Miss Brass and the Marchioness in *Master Humphrey's Clock*.

The essential value and truth of Dickens's writings have been unwisely lost sight of by many thoughtful persons, merely because he presents his truth with some color of caricature. Unwisely, because Dickens's caricature, though often gross, is never mistaken. Allowing for his manner of telling them, the things he tells us are always true. I wish that he could think it right to limit his brilliant exaggeration to works written only for public amusement; and when he takes up a subject of high national importance, such as that which he handled in *Hard Times*, that he would use severer and more accurate analysis. The usefulness of that work (to my mind, in several respects the greatest he has written) is with many persons seriously diminished because Mr. Bounderby is a dramatic monster, instead of a characteristic example of a worldly master; and Stephen Blackpool a dramatic perfection, instead of a characteristic example of an honest workman. But let us not lose the use of Dickens's wit and insight, because he chooses to speak in a circle of stage fire. He is entirely right in his main drift and purpose in every book he has written; and

11. The next clearest and simplest example of relation between master and operative is that which exists between the commander of a regiment and his men.

Supposing the officer only desires to apply the rules of discipline so as, with least trouble to himself, to make the regiment most effective, he will not be able, by any rules or administration of rules, on this selfish principle, to develop the full strength of his subordinates. If a man of sense and firmness, he may, as in the former instance, produce a better result than would be obtained by the irregular kindness of a weak officer; but let the sense and firmness be the same in both cases, and assuredly the officer who has the most direct personal relations with his men, the most care for their interests, and the most value for their lives, will develop their effective strength, through their affection for his own person, and trust in his character, to a degree wholly unattainable by other means. This law applies still more stringently as the numbers concerned are larger: a charge may often be successful, though the men dislike their officers; a battle has rarely been won, unless they loved their general.

12. Passing from these simple examples to the more complicated relations existing between a manufacturer and his workmen, we are met first by certain curious difficulties, resulting, apparently, from a harder and colder state of moral elements. It is easy to imagine an enthusiastic affection existing among soldiers for the colonel. Not so easy to imagine an enthusiastic affection among cotton-spinners for

all of them, but especially *Hard Times*, should be studied with close and earnest care by persons interested in social questions. They will find much that is partial, and, because partial, apparently unjust; but if they examine all the evidence on the other side, which Dickens seems to overlook, it will appear, after all their trouble, that his view was the finally right one, grossly and sharply told. [Ruskin.]

the proprietor of the mill. A body of men associated for purposes of robbery (as a Highland clan in ancient times) shall be animated by perfect affection, and every member of it be ready to lay down his life for the life of his chief. But a band of men associated for purposes of legal production and accumulation is usually animated, it appears, by no such emotions, and none of them are in any wise willing to give his life for the life of his chief.[1] Not only are we met by this apparent anomaly, in moral matters, but by others connected with it, in administration of system. For a servant or a soldier is engaged at a definite rate of wages, for a definite period; but a workman at a rate of wages variable according to the demand for labor, and with the risk of being at any time thrown out of his situation by chances of trade. Now, as, under these contingencies, no action of the affections can take place, but only an explosive action of *dis*affections, two points offer themselves for consideration in the matter.

The first—How far the rate of wages may be so regulated as not to vary with the demand for labor.

The second—How far it is possible that bodies of workmen may be engaged and maintained at such fixed rate of wages (whatever the state of trade may be), without enlarging or diminishing their number, so as to give them permanent interest in the establishment with which they are connected, like that of the domestic servants in an old family, or an *esprit de corps,* like that of the soldiers in a crack regiment.

13. The first question is, I say, how far it may be possible to fix the rate of wages, irrespectively of the demand for labor.

Perhaps one of the most curious facts in the history of human error is the denial by the common political economist of the possibility of thus regulating wages; while, for all the

[1] See p. 328, note 1.

important, and much of the unimportant, labor, on the earth, wages are already so regulated.

We do not sell our prime-ministership by Dutch auction; nor, on the decease of a bishop, whatever may be the general advantages of simony, do we (yet) offer his diocese to the clergyman who will take the episcopacy at the lowest contract. We (with exquisite sagacity of political economy!) do indeed sell commissions; but not openly, generalships: sick, we do not inquire for a physician who takes less than a guinea; litigious, we never think of reducing six-and-eightpence to four-and-sixpence; caught in a shower, we do not canvass the cabmen, to find one who values his driving at less than sixpence a mile.

It is true that in all these cases there is, and in every conceivable case there must be, ultimate reference to the presumed difficulty of the work, or number of candidates for the office. If it were thought that the labor necessary to make a good physician would be gone through by a sufficient number of students with the prospect of only half-guinea fees, public consent would soon withdraw the unnecessary half-guinea. In this ultimate sense, the price of labor is indeed always regulated by the demand for it; but, so far as the practical and immediate administration of the matter is regarded, the best labor always has been, and is, as *all* labor ought to be, paid by an invariable standard.

14. "What!" the reader perhaps answers amazedly: "pay good and bad workmen alike?"

Certainly. The difference between one prelate's sermons and his successor's—or between one physician's opinion and another's,—is far greater, as respects the qualities of mind involved, and far more important in result to you personally, than the difference between good and bad laying of bricks (though that is greater than most people suppose). Yet you pay with equal fee, contentedly, the good and bad workmen

upon your soul, and the good and bad workmen upon your body; much more may you pay, contentedly, with equal fees, the good and bad workmen upon your house.

"Nay, but I choose my physician, and (?) my clergyman, thus indicating my sense of the quality of their work." By all means, also, choose your bricklayer; that is the proper reward of the good workman, to be "chosen." The natural and right system respecting all labor is, that it should be paid at a fixed rate, but the good workman employed, and the bad workman unemployed. The false, unnatural, and destructive system is when the bad workman is allowed to offer his work at half-price, and either take the place of the good, or force him by his competition to work for an inadequate sum.

15. This equality of wages, then, being the first object towards which we have to discover the directest available road, the second is, as above stated, that of maintaining constant numbers of workmen in employment, whatever may be the accidental demand for the article they produce.

I believe the sudden and extensive inequalities of demand, which necessarily arise in the mercantile operations of an active nation, constitute the only essential difficulty which has to be overcome in a just organization of labor.

The subject opens into too many branches to admit of being investigated in a paper of this kind; but the following general facts bearing on it may be noted.

The wages which enable any workman to live are necessarily higher, if his work is liable to intermission, than if it is assured and continuous; and however severe the struggle for work may become, the general law will always hold, that men must get more daily pay if, on the average, they can only calculate on work three days a week than they would require if they were sure of work six days a week. Supposing that a man cannot live on less than a shilling a day,

his seven shillings he must get, either for three days' violent work, or six days' deliberate work. The tendency of all modern mercantile operations is to throw both wages and trade into the form of a lottery, and to make the workman's pay depend on intermittent exertion, and the principal's profit on dexterously used chance.

16. In what partial degree, I repeat, this may be necessary in consequence of the activities of modern trade, I do not here investigate; contenting myself with the fact that in its fatallest aspects it is assuredly unnecessary, and results merely from love of gambling on the part of the masters, and from ignorance and sensuality in the men. The masters cannot bear to let any opportunity of gain escape them, and frantically rush at every gap and breach in the walls of Fortune, raging to be rich, and affronting, with impatient covetousness, every risk of ruin, while the men prefer three days of violent labor, and three days of drunkenness, to six days of moderate work and wise rest. There is no way in which a principal, who really desires to help his workmen, may do it more effectually than by checking these disorderly habits both in himself and them; keeping his own business operations on a scale which will enable him to pursue them securely, not yielding to temptations of precarious gain; and at the same time, leading his workmen into regular habits of labor and life, either by inducing them rather to take low wages, in the form of a fixed salary, than high wages, subject to the chance of their being thrown out of work; or, if this be impossible, by discouraging the system of violent exertion for nominally high day wages, and leading the men to take lower pay for more regular labor.

In effecting any radical changes of this kind, doubtless there would be great inconvenience and loss incurred by all the originators of the movement. That which can be done with perfect convenience and without loss, is not always the

thing that most needs to be done, or which we are most imperatively required to do.

17. I have already alluded to the difference hitherto existing between regiments of men associated for purposes of violence, and for purposes of manufacture; in that the former appear capable of self-sacrifice—the latter, not; which singular fact is the real reason of the general lowness of estimate in which the profession of commerce is held, as compared with that of arms. Philosophically, it does not, at first sight, appear reasonable (many writers have endeavored to prove it unreasonable) that a peaceable and rational person, whose trade is buying and selling, should be held in less honor than an unpeaceable and often irrational person, whose trade is slaying. Nevertheless, the consent of mankind has always, in spite of the philosophers, given precedence to the soldier.

And this is right.

For the soldier's trade, verily and essentially, is not slaying, but being slain. This, without well knowing its own meaning, the world honors it for. A bravo's trade is slaying; but the world has never respected bravos more than merchants: the reason it honors the soldier is, because he holds his life at the service of the State. Reckless he may be—fond of pleasure or of adventure—all kinds of bye-motives and mean impulses may have determined the choice of his profession, and may affect (to all appearance exclusively) his daily conduct in it; but our estimate of him is based on this ultimate fact—of which we are well assured—that put him in a fortress breach, with all the pleasures of the world behind him, and only death and his duty in front of him, he will keep his face to the front; and he knows that his choice may be put to him at any moment—and has beforehand taken his part—virtually takes such part continually—does, in reality, die daily.

18. Not less is the respect we pay to the lawyer and physician, founded ultimately on their self-sacrifice. Whatever the learning or acuteness of a great lawyer, our chief respect for him depends on our belief that, set in a judge's seat, he will strive to judge justly, come of it what may. Could we suppose that he would take bribes, and use his acuteness and legal knowledge to give plausibility to iniquitous decisions, no degree of intellect would win for him our respect. Nothing will win it, short of our tacit conviction, that in all important acts of his life justice is first with him; his own interest, second.

In the case of a physician, the ground of the honor we render him is clearer still. Whatever his science, we would shrink from him in horror if we found him regard his patients merely as subjects to experiment upon; much more, if we found that, receiving bribes from persons interested in their deaths, he was using his best skill to give poison in the mask of medicine.

Finally, the principle holds with utmost clearness as it respects clergymen. No goodness of disposition will excuse want of science in a physician, or of shrewdness in an advocate; but a clergyman, even though his power of intellect be small, is respected on the presumed ground of his unselfishness and serviceableness.

19. Now, there can be no question but that the tact, foresight, decision, and other mental powers, required for the successful management of a large mercantile concern, if not such as could be compared with those of a great lawyer, general, or divine, would at least match the general conditions of mind required in the subordinate officers of a ship, or of a regiment, or in the curate of a country parish. If, therefore, all the efficient members of the so-called liberal professions are still, somehow, in public estimate of honor, preferred before the head of a commercial firm, the reason

must lie deeper than in the measurement of their several powers of mind.

And the essential reason for such preference will be found to lie in the fact that the merchant is presumed to act always selfishly. His work may be very necessary to the community; but the motive of it is understood to be wholly personal. The merchant's first object in all his dealings must be (the public believe) to get as much for himself, and leave as little to his neighbor (or customer) as possible. Enforcing this upon him, by political statute, as the necessary principle of his action; recommending it to him on all occasions, and themselves reciprocally adopting it, proclaiming vociferously, for law of the universe, that a buyer's function is to cheapen, and a seller's to cheat,—the public, nevertheless, involuntarily condemn the man of commerce for his compliance with their own statement, and stamp him for ever as belonging to an inferior grade of human personality.

20. This they will find, eventually, they must give up doing. They must not cease to condemn selfishness; but they will have to discover a kind of commerce which is not exclusively selfish. Or, rather, they will have to discover that there never was, or can be, any other kind of commerce; that this which they have called commerce was not commerce at all, but cozening; and that a true merchant differs as much from a merchant according to laws of modern political economy, as the hero of the *Excursion* from Autolycus. They will find that commerce is an occupation which gentlemen will every day see more need to engage in, rather than in the businesses of talking to men, or slaying them; that, in true commerce, as in true preaching, or true fighting, it is necessary to admit the idea of occasional voluntary loss;—that sixpences have to be lost, as well as lives, under a sense of duty; that the market may have its martyr-

doms as well as the pulpit; and trade its heroisms as well as war.[1]

May have—in the final issue, must have—and only has not had yet, because men of heroic temper have always been misguided in their youth into other fields; not recognizing what is in our days, perhaps, the most important of all fields; so that, while many a zealous person loses his life in trying to teach the form of a gospel, very few will lose a hundred pounds in showing the practice of one.

21. The fact is, that people never have had clearly explained to them the true functions of a merchant with respect to other people. I should like the reader to be very clear about this.

Five great intellectual professions, relating to daily necessities of life, have hitherto existed—three exist necessarily, in every civilized nation:

The Soldier's profession is to *defend* it.

The Pastor's to *teach* it.

The Physician's to *keep it in health.*

The Lawyer's to *enforce justice* in it.

The Merchant's to *provide* for it.

And the duty of all these men is, on due occasion, to *die* for it.

"On due occasion," namely:—

[1] In connection with this idea, which Ruskin repeats often, see Carlyle's chapter on "Plugson of Undershot," *Past and Present,* Bk. III, ch. x. Ruskin freely acknowledged his debt to Carlyle in matters of social and economic theory. Compare, for example, the following from *Munera Pulveris,* Appendix III: "I have not attempted to support, by the authority of other writers, any of the statements made in these papers; indeed, if such authorities were rightly collected, there would be no occasion for my writing at all. Even in the scattered passages referring to this subject in three books of Carlyle's—*Sartor Resartus, Past and Present,* and the *Latter Day Pamphlets*—all has been said that needs to be said, and far better than I shall ever say it again."

The Soldier, rather than leave his post in battle.
The Physician, rather than leave his post in plague.
The Pastor, rather than teach Falsehood.
The Lawyer, rather than countenance Injustice.
The Merchant—what is *his* "due occasion" of death?

22. It is the main question for the merchant, as for all of us. For, truly, the man who does not know when to die, does not know how to live.

Observe, the merchant's function (or manufacturer's, for in the broad sense in which it is here used the word must be understood to include both) is to provide for the nation. It is no more his function to get profit for himself out of that provision than it is a clergyman's function to get his stipend. This stipend is a due and necessary adjunct, but not the object of his life, if he be a true clergyman, any more than his fee (or honorarium) is the object of life to a true physician. Neither is his fee the object of life to a true merchant. All three, if true men, have a work to be done irrespective of fee—to be done even at any cost, or for quite the contrary of fee; the pastor's function being to teach, the physician's to heal, and the merchant's, as I have said, to provide. That is to say, he has to understand to their very root the qualities of the thing he deals in, and the means of obtaining or producing it; and he has to apply all his sagacity and energy to the producing or obtaining it in perfect state, and distributing it at the cheapest possible price where it is most needed.

And because the production or obtaining of any commodity involves necessarily the agency of many lives and hands, the merchant becomes in the course of his business the master and governor of large masses of men in a more direct, though less confessed way, than a military officer or pastor; so that on him falls, in great part, the responsibility for the kind of life they lead: and it becomes his duty, not only to be always considering how to produce what he sells,

in the purest and cheapest forms, but how to make the various employments involved in the production, or transference of it, most beneficial to the men employed.

23. And as into these two functions, requiring for their right exercise the highest intelligence, as well as patience, kindness, and tact, the merchant is bound to put all his energy, so for their just discharge he is bound, as soldier or physician is bound, to give up, if need be, his life, in such way as it may be demanded of him. Two main points he has in his providing function to maintain: first, his engagements (faithfulness to engagements being the real root of all possibilities, in commerce); and, secondly, the perfectness and purity of the thing provided; so that, rather than fail in any engagement, or consent to any deterioration, adulteration, or unjust and exorbitant price of that which he provides, he is bound to meet fearlessly any form of distress, poverty, or labor, which may, through maintenance of these points, come upon him.

24. Again: in his office as governor of the men employed by him, the merchant or manufacturer is invested with a distinctly paternal authority and responsibility. In most cases, a youth entering a commercial establishment is withdrawn altogether from home influence; his master must become his father, else he has, for practical and constant help, no father at hand: in all cases the master's authority, together with the general tone and atmosphere of his business, and the character of the men with whom the youth is compelled in the course of it to associate, have more immediate and pressing weight than the home influence, and will usually neutralize it either for good or evil; so that the only means which the master has of doing justice to the men employed by him is to ask himself sternly whether he is dealing with such subordinate as he would with his own son, if compelled by circumstances to take such a position.

Supposing the captain of a frigate saw it right, or were by any chance obliged, to place his own son in the position of a common sailor: as he would then treat his son, he is bound always to treat every one of the men under him. So, also, supposing the master of a manufactory saw it right, or were by any chance obliged, to place his own son in the position of an ordinary workman; as he would then treat his son, he is bound always to treat every one of his men. This is the only effective, true, or practical RULE which can be given on this point of political economy.

And as the captain of a ship is bound to be the last man to leave his ship in case of wreck, and to share his last crust with the sailors in case of famine, so the manufacturer, in any commercial crisis or distress, is bound to take the suffering of it with his men, and even to take more of it for himself than he allows his men to feel; as a father would in a famine, shipwreck, or battle, sacrifice himself for his son.

25. All which sounds very strange: the only real strangeness in the matter being, nevertheless, that it should so sound. For all this is true, and that not partially nor theoretically, but everlastingly and practically: all other doctrine than this respecting matters political being false in premises, absurd in deduction, and impossible in practice, consistently with any progressive state of national life; all the life which we now possess as a nation showing itself in the resolute denial and scorn, by a few strong minds and faithful hearts, of the economic principles taught to our multitudes, which principles, so far as accepted, lead straight to national destruction. Respecting the modes and forms of destruction to which they lead, and, on the other hand, respecting the farther practical working of true polity, I hope to reason farther in a following paper.

QUESTIONS

26-28. What is Ruskin's answer to the objection that his theories are not practical? What is his distinction between Political Economy and Mercantile Economy? Between the accumulation of property and real wealth?

29-32. How does the value of property depend upon inequality of distribution? What determines whether this inequality is productive of good or evil to the state?

33-37. Explain the illustration of the men on the desert island. What does Ruskin mean by the "moral sign" attached to wealth?

38-41. Does Ruskin hold these considerations to be merely sentimental or theoretical? What besides money would he define as wealth? When, in his opinion, does money cease to be wealth? What does he mean by hinting that people themselves are wealth?

XIX

THE VEINS OF WEALTH

("*Unto this Last,*" Essay II)

26. The answer which would be made by any ordinary political economist to the statements contained in the preceding paper, is in few words as follows:—

"It is indeed true that certain advantages of a general nature may be obtained by the development of social affections. But political economists never professed, nor profess, to take advantages of a general nature into consideration. Our science is simply the science of getting rich. So far from being a fallacious or visionary one, it is found by experience to be practically effective. Persons who follow its precepts do actually become rich, and persons who disobey them become poor. Every capitalist of Europe has acquired his fortune by following the known laws of our science, and increases his capital daily by an adherence to them. It is vain to bring forward tricks of logic, against the force of accomplished facts. Every man of business knows by experience how money is made, and how it is lost."

Pardon me. Men of business do indeed know how they themselves made their money, or how, on occasion, they lost it. Playing a long-practiced game, they are familiar with the chances of its cards, and can rightly explain their losses and gains. But they neither know who keeps the bank of the gambling-house, nor what other games may be played with the same cards, nor what other losses and gains, far away among the dark streets, are essentially, though in-

visibly, dependent on theirs in the lighted rooms. They have learned a few, and only a few, of the laws of mercantile economy; but not one of those of political economy.

27. Primarily, which is very notable and curious, I observe that men of business rarely know the meaning of the word "rich." At least, if they know, they do not in their reasonings allow for the fact, that it is a relative word, implying its opposite "poor" as positively as the word "north" implies its opposite "south." Men nearly always speak and write as if riches were absolute, and it were possible, by following certain scientific precepts, for everybody to be rich. Whereas riches are a power like that of electricity, acting only through inequalities or negations of itself. The force of the guinea you have in your pocket depends wholly on the default of a guinea in your neighbor's pocket. If he did not want it, it would be of no use to you; the degree of power it possesses depends accurately upon the need or desire he has for it,—and the art of making yourself rich, in the ordinary mercantile economist's sense, is therefore equally and necessarily the art of keeping your neighbor poor.

I would not contend in this matter (and rarely in any matter) for the acceptance of terms. But I wish the reader clearly and deeply to understand the difference between the two economies, to which the terms "Political" and "Mercantile" might not unadvisedly be attached.

28. Political economy (the economy of a State, or of citizens) consists simply in the production, preservation, and distribution, at fittest time and place, of useful or pleasurable things. The farmer who cuts his hay at the right time; the shipwright who drives his bolts well home in sound wood; the builder who lays good bricks in well-tempered mortar; the housewife who takes care of her furniture in the parlor, and guards against all waste in her kitchen; and the singer

who rightly disciplines, and never overstrains her voice, are all political economists in the true and final sense: adding continually to the riches and well-being of the nation to which they belong.

But mercantile economy, the economy of "merces" or of "pay," signifies the accumulation, in the hands of individuals, of legal or moral claim upon, or power over, the labor of others; every such claim implying precisely as much poverty or debt on one side, as it implies riches or right on the other.

It does not, therefore, necessarily involve an addition to the actual property, or well-being of the State in which it exists. But since this commercial wealth, or power over labor, is nearly always convertible at once into real property, while real property is not always convertible at once into power over labor, the idea of riches among active men in civilized nations generally refers to commercial wealth; and in estimating their possessions, they rather calculate the value of their horses and fields by the number of guineas they could get for them, than the value of their guineas by the number of horses and fields they could buy with them.

29. There is, however, another reason for this habit of mind: namely, that an accumulation of real property is of little use to its owner, unless, together with it, he has commercial power over labor. Thus, suppose any person to be put in possession of a large estate of fruitful land, with rich beds of gold in its gravel; countless herds of cattle in its pastures; houses, and gardens, and storehouses full of useful stores: but suppose, after all, that he could get no servants? In order that he may be able to have servants, some one in his neighborhood must be poor, and in want of his gold—or his corn. Assume that no one is in want of either, and that no servants are to be had. He must, therefore, bake his own bread, make his own clothes, plow

his own ground, and shepherd his own flocks. His gold will be as useful to him as any other yellow pebbles on his estate. His stores must rot, for he cannot consume them. He can eat no more than another man could eat, and wear no more than another man could wear. He must lead a life of severe and common labor to procure even ordinary comforts; he will be ultimately unable to keep either houses in repair, or fields in cultivation; and forced to content himself with a poor man's portion of cottage and garden, in the midst of a desert of waste land, trampled by wild cattle, and encumbered by ruins of palaces, which he will hardly mock at himself by calling "his own."

30. The most covetous of mankind would, with small exultation, I presume, accept riches of this kind on these terms. What is really desired, under the name of riches, is, essentially, power over men; in its simplest sense, the power of obtaining for our own advantage the labor of servant, tradesman, and artist; in wider sense, authority of directing large masses of the nation to various ends (good, trivial, or hurtful, according to the mind of the rich person). And this power of wealth of course is greater or less in direct proportion to the poverty of the men over whom it is exercised, and in inverse proportion to the number of persons who are as rich as ourselves, and who are ready to give the same price for an article of which the supply is limited. If the musician is poor, he will sing for small pay, as long as there is only one person who can pay him; but if there be two or three, he will sing for the one who offers him most. And thus the power of the riches of the patron (always imperfect and doubtful, as we shall see presently (§ 39), even when most authoritative) depends first on the poverty of the artist, and then on the limitation of the number of equally wealthy persons, who also want seats at the concert. So that, as above stated, the art of becoming "rich," in the

common sense, is not absolutely nor finally the art of accumulating much money for ourselves, but also of contriving that our neighbors shall have less. In accurate terms, it is "the art of establishing the maximum inequality in our own favor."

31. Now, the establishment of such inequality cannot be shown in the abstract to be either advantageous or disadvantageous to the body of the nation. The rash and absurd assumption that such inequalities are necessarily advantageous, lies at the root of most of the popular fallacies on the subject of political economy. For the eternal and inevitable law in this matter is, that the beneficialness of the inequality depends, first, on the methods by which it was accomplished; and, secondly, on the purposes to which it is applied. Inequalities of wealth, unjustly established, have assuredly injured the nation in which they exist during their establishment; and, unjustly directed, injure it yet more during their existence. But inequalities of wealth, justly established, benefit the nation in the course of their establishment; and, nobly used, aid it yet more by their existence. That is to say, among every active and well-governed people, the various strength of individuals, tested by full exertion and specially applied to various need, issues in unequal, but harmonious results, receiving reward or authority according to its class and service;[1] while, in the inactive

[1] I have been naturally asked several times with respect to the sentence in the first of these papers, "the bad workmen unemployed," "But what are you to do with your bad unemployed workmen?" Well, it seems to me the question might have occurred to you before. Your housemaid's place is vacant—you give twenty pounds a year—two girls come for it, one neatly dressed, the other dirtily; one with good recommendations, the other with none. You do not, under these circumstances, usually ask the dirty one if she will come for fifteen pounds, or twelve; and, on her consenting, take her instead of the well-recommended one. Still less do you try to beat both down by making them bid against

or ill-governed nation, the gradations of decay and the victories of treason work out also their own rugged system of subjection and success; and substitute, for the melodious inequalities of concurrent power, the iniquitous dominances and depressions of guilt and misfortune.

32. Thus the circulation of wealth in a nation resembles that of the blood in the natural body. There is one quickness of the current which comes of cheerful emotion or wholesome exercise; and another which comes of shame or of fever. There is a flush of the body which is full of warmth and life; and another which will pass into putrefaction.

The analogy will hold down even to minute particulars. For as diseased local determination of the blood involves depression of the general health of the system, all morbid local action of riches will be found ultimately to involve a weakening of the resources of the body politic.

each other, till you can hire both, one at twelve pounds a year, and the other at eight. You simply take the one fittest for the place, and send away the other, not perhaps concerning yourself quite as much as you should with the question which you now impatiently put to me, "What is to become of her?" For, all that I advise you to do, is to deal with workmen as with servants; and verily the question is of weight: "Your bad workman, idler, and rogue—what are you to do with him?"

We will consider of this presently: remember that the administration of a complete system of national commerce and industry cannot be explained in full detail within the space of twelve pages. Meantime, consider whether, there being confessedly some difficulty in dealing with rogues and idlers, it may not be advisable to produce as few of them as possible. If you examine into the history of rogues, you will find they are as truly manufactured articles as anything else, and it is just because our present system of political economy gives so large a stimulus to that manufacture that you may know it to be a false one. We had better seek for a system which will develop honest men, than for one which will deal cunningly with vagabonds. Let us reform our schools, and we shall find little reform needed in our prisons. [Ruskin.]

The mode in which this is produced may be at once understood by examining one or two instances of the development of wealth in the simplest possible circumstances.

33. Suppose two sailors cast away on an uninhabited coast, and obliged to maintain themselves there by their own labor for a series of years.

If they both kept their health, and worked steadily and in amity with each other, they might build themselves a convenient house, and in time come to possess a certain quantity of cultivated land, together with various stores laid up for future use. All these things would be real riches or property; and, supposing the men both to have worked equally hard, they would each have right to equal share or use of it. Their political economy would consist merely in careful preservation and just division of these possessions. Perhaps, however, after some time one or other might be dissatisfied with the results of their common farming; and they might in consequence agree to divide the land they had brought under the spade into equal shares, so that each might thenceforward work in his own field, and live by it. Suppose that after this arrangement had been made, one of them were to fall ill, and be unable to work on his land at a critical time—say of sowing or harvest.

He would naturally ask the other to sow or reap for him.

Then his companion might say, with perfect justice, "I will do this additional work for you; but if I do it, you must promise to do as much for me at another time. I will count how many hours I spend on your ground, and you shall give me a written promise to work for the same number of hours on mine, whenever I need your help, and you are able to give it."

34. Suppose the disabled man's sickness to continue, and that under various circumstances, for several years, requiring the help of the other, he on each occasion gave a written

pledge to work, as soon as he was able, at his companion's orders, for the same number of hours which the other had given up to him. What will the positions of the two men be when the invalid is able to resume work?

Considered as a "Polis," or state, they will be poorer than they would have been otherwise: poorer by the withdrawal of what the sick man's labor would have produced in the interval. His friend may perhaps have toiled with an energy quickened by the enlarged need, but in the end his own land and property must have suffered by the withdrawal of so much of his time and thought from them: and the united property of the two men will be certainly less than it would have been if both had remained in health and activity.

But the relations in which they stand to each other are also widely altered. The sick man has not only pledged his labor for some years, but will probably have exhausted his own share of the accumulated stores, and will be in consequence for some time dependent on the other for food, which he can only "pay" or reward him for by yet more deeply pledging his own labor.

Supposing the written promises to be held entirely valid (among civilized nations their validity is secured by legal measures [1]), the person who had hitherto worked for both

[1] The disputes which exist respecting the real nature of money arise more from the disputants examining its functions on different sides, than from any real dissent in their opinions. All money, properly so called, is an acknowledgment of debt; but as such, it may either be considered to represent the labor and property of the creditor, or the idleness and penury of the debtor. The intricacy of the question has been much increased by the (hitherto necessary) use of marketable commodities, such as gold, silver, salt, shells, etc., to give intrinsic value or security to currency; but the final and best definition of money is that it is a documentary promise ratified and guaranteed by the nation to give or find a certain quantity of labor on demand. A man's labor for

might now, if he chose, rest altogether, and pass his time in idleness, not only forcing his companion to redeem all the engagements he had already entered into, but exacting from him pledges for further labor, to an arbitrary amount, for what food he had to advance to him.

35. There might not, from first to last, be the least illegality (in the ordinary sense of the word) in the arrangement; but if a stranger arrived on the coast at this advanced epoch of their political economy, he would find one man commercially Rich; the other commercially Poor. He would see, perhaps, with no small surprise, one passing his days in idleness; the other laboring for both, and living sparely, in the hope of recovering his independence at some distant period.

This is, of course, an example of one only out of many ways in which inequality of possession may be established between different persons, giving rise to the Mercantile forms of Riches and Poverty. In the instance before us, one of the men might from the first have deliberately chosen to be idle, and to put his life in pawn for present ease; or he might have mismanaged his land, and been compelled to have recourse to his neighbor for food and help, pledging his future labor for it. But what I want the reader to note especially is the fact, common to a large number of typical cases of this kind, that the establishment of the mercantile wealth which consists in a claim upon labor, signifies a political diminution of the real wealth which consists in substantial possessions.

36. Take another example, more consistent with the ordinary course of affairs of trade. Suppose that three men,

a day is a better standard of value than a measure of any produce, because no produce ever maintains a consistent rate of productibility. [Ruskin.] For a fuller development of Ruskin's idea of the nature of money see *Munera Pulveris*, ch. iii.

instead of two, formed the little isolated republic, and found themselves obliged to separate, in order to farm different pieces of land at some distance from each other along the coast: each estate furnishing a distinct kind of produce, and each more or less in need of the material raised on the other. Suppose that the third man, in order to save the time of all three, undertakes simply to superintend the transference of commodities from one farm to the other; on condition of receiving some sufficiently remunerative share of every parcel of goods conveyed, or of some other parcel received in exchange for it.

If this carrier or messenger always brings to each estate, from the other, what is chiefly wanted, at the right time, the operations of the two farmers will go on prosperously, and the largest possible result in produce, or wealth, will be attained by the little community. But suppose no intercourse between the landowners is possible, except through the traveling agent; and that, after a time, this agent, watching the course of each man's agriculture, keeps back the articles with which he has been entrusted until there comes a period of extreme necessity for them, on one side or other, and then exacts in exchange for them all that the distressed farmer can spare of other kinds of produce: it is easy to see that by ingeniously watching his opportunities, he might possess himself regularly of the greater part of the superfluous produce of the two estates, and at last, in some year of severest trial or scarcity, purchase both for himself and maintain the former proprietors thenceforward as his laborers or servants.

37. This would be a case of commercial wealth acquired on the exactest principles of modern political economy. But more distinctly even than in the former instance, it is manifest in this that the wealth of the State, or of the three men considered as a society, is collectively less than it would

have been had the merchant been content with juster profit. The operations of the two agriculturists have been cramped to the utmost; and the continual limitations of the supply of things they wanted at critical times, together with the failure of courage consequent on the prolongation of a struggle for mere existence, without any sense of permanent gain, must have seriously diminished the effective results of their labor; and the stores finally accumulated in the merchant's hands will not in any wise be of equivalent value to those which, had his dealings been honest, would have filled at once the granaries of the farmers and his own.

The whole question, therefore, respecting not only the advantage, but even the quantity, of national wealth, resolves itself finally into one of abstract justice. It is impossible to conclude, of any given mass of acquired wealth, merely by the fact of its existence, whether it signifies good or evil to the nation in the midst of which it exists. Its real value depends on the moral sign attached to it, just as sternly as that of a mathematical quantity depends on the algebraical sign attached to it. Any given accumulation of commercial wealth may be indicative, on the one hand, of faithful industries, progressive energies, and productive ingenuities: or, on the other, it may be indicative of mortal luxury, merciless tyranny, ruinous chicane. Some treasures are heavy with human tears, as an ill-stored harvest with untimely rain; and some gold is brighter in sunshine than it is in substance.

38. And these are not, observe, merely moral or pathetic attributes of riches, which the seeker of riches may, if he chooses, despise; they are, literally and sternly, material attributes of riches, depreciating or exalting, incalculably, the monetary signification of the sum in question. One mass of money is the outcome of action which has created,—another, of action which has annihilated,—ten times as much in the

gathering of it; such and such strong hands have been paralyzed, as if they had been numbed by nightshade: so many strong men's courage broken, so many productive operations hindered; this and the other false direction given to labor, and lying image of prosperity set up, on Dura plains dug into seven-times-heated furnaces.[1] That which seems to be wealth may in verity be only the gilded index of far-reaching ruin; a wrecker's handful of coin gleaned from the beach to which he has beguiled an argosy; a camp-follower's bundle of rags unwrapped from the breasts of goodly soldiers dead; the purchase-pieces of potter's fields, wherein shall be buried together the citizen and the stranger.[2]

And therefore, the idea that directions can be given for the gaining of wealth, irrespectively of the consideration of its moral sources, or that any general and technical law of purchase and gain can be set down for national practice, is perhaps the most insolently futile of all that ever beguiled men through their vices. So far as I know, there is not in history record of anything so disgraceful to the human intellect as the modern idea that the commercial text, "Buy in the cheapest market and sell in the dearest," represents or under any circumstances could represent, an available principle of national economy. Buy in the cheapest market?—yes; but what made your market cheap? Charcoal may be cheap among your roof timbers after a fire, and bricks may be cheap in your streets after an earthquake; but fire and earthquake may not therefore be national benefits. Sell in the dearest?—yes, truly; but what made your market dear? You sold your bread well to-day: was it to a dying man who gave his last coin for it, and will never need bread more; or to a rich man who to-morrow will buy your

[1] See Daniel iii.
[2] Matt. xxvii, 6-7.

farm over your head; or to a soldier on his way to pillage the bank in which you have put your fortune?

None of these things you can know. One thing only you can know: namely, whether this dealing of yours is a just and faithful one, which is all you need concern yourself about respecting it; sure thus to have done your own part in bringing about ultimately in the world a state of things which will not issue in pillage or in death. And thus every question concerning these things merges itself ultimately in the great question of justice, which, the ground being thus far cleared for it, I will enter upon in the next paper, leaving only, in this, three final points for the reader's consideration.

39. It has been shown that the chief value and virtue of money consists in its having power over human beings; that, without this power, large material possessions are useless, and to any person possessing such power, comparatively unnecessary. But power over human beings is attainable by other means than by money. As I said a few pages back (§ 30), the money power is always imperfect and doubtful; there are many things which cannot be reached with it, others which cannot be retained by it. Many joys may be given to men which cannot be bought for gold, and many fidelities found in them which cannot be rewarded with it.

Trite enough,—the reader thinks. Yes: but it is not so trite,—I wish it were,—that in this moral power, quite inscrutable and immeasurable though it be, there is a monetary value just as real as that represented by more ponderous currencies. A man's hand may be full of invisible gold, and the wave of it, or the grasp, shall do more than another's with a shower of bullion. This invisible gold, also, does not necessarily diminish in spending. Political economists will do well some day to take heed of it, though they cannot take measure.

But farther. Since the essence of wealth consists in its

authority over men, if the apparent or nominal wealth fail in this power, it fails in essence; in fact, ceases to be wealth at all. It does not appear lately in England, that our authority over men is absolute. The servants show some disposition to rush riotously upstairs, under an impression that their wages are not regularly paid. We should augur ill of any gentleman's property to whom this happened every other day in his drawing-room.

So, also, the power of our wealth seems limited as respects the comfort of the servants, no less than their quietude. The persons in the kitchen appear to be ill-dressed, squalid, half-starved. One cannot help imagining that the riches of the establishment must be of a very theoretical and documentary character.

40. Finally. Since the essence of wealth consists in power over men, will it not follow that the nobler and the more in number the persons are over whom it has power, the greater the wealth? Perhaps it may even appear, after some consideration, that the persons themselves *are* the wealth—that these pieces of gold with which we are in the habit of guiding them, are, in fact, nothing more than a kind of Byzantine harness or trappings, very glittering and beautiful in barbaric sight, wherewith we bridle the creatures; but that if these same living creatures could be guided without the fretting and jingling of the Byzants in their mouths and ears, they might themselves be more valuable than their bridles. In fact, it may be discovered that the true veins of wealth are purple—and not in Rock, but in Flesh—perhaps even that the final outcome and consummation of all wealth is in the producing as many as possible full-breathed, bright-eyed, and happy-hearted human creatures. Our modern wealth, I think, has rather a tendency the other way;—most political economists appearing to consider multitudes of human creatures not conducive to wealth, or at best con-

ducive to it only by remaining in a dim-eyed and narrow-chested state of being.

41. Nevertheless, it is open, I repeat, to serious question, which I leave to the reader's pondering, whether, among national manufactures, that of Souls of a good quality may not at last turn out a quite leadingly lucrative one? Nay, in some far-away and yet undreamt-of hour, I can even imagine that England may cast all thoughts of possessive wealth back to the barbaric nations among whom they first arose; and that, while the sands of the Indus and adamant of Golconda may yet stiffen the housings of the charger, and flash from the turban of the slave, she, as a Christian mother, may at last attain to the virtues and the treasures of a Heathen one, and be able to lead forth her Sons, saying,—

"These are MY Jewels."[1]

[1] The reference is to the story which Valerius Maximus (*Works*, iv, 4) tells of Cornelia, the mother of the Gracchi: "Cornelia, the mother of the Gracchi, when a Campanian matron, whom she was visiting, displayed her beautiful family jewels, drew out the talk until her children returned from school; 'These,' she said then, 'are my jewels.'"

QUESTIONS

42-44. What are the general points which Ruskin wishes to make by his quotations from Solomon?

45-46. What is Ruskin's idea as to the possibility of human regulation of the action of economic laws? What would be the purpose of such regulation? What is the significance of the title of this chapter?

47-49. What is Ruskin's idea of the law of justice in the remuneration of labor? What does he think about the possibility of attaining it?

54-55. Does Ruskin think that these doctrines tend to socialism or communism? What does he think their effect would be on wealth and capital? Why does he consider the doctrines of the classical political economy contrary to Christianity?

XX

QUI JUDICATIS TERRAM[1]

("*Unto this Last,*" Essay III)

42. Some centuries before the Christian era, a Jew merchant, largely engaged in business on the Gold Coast, and reported to have made one of the largest fortunes of his time (held also in repute for much practical sagacity), left among his ledgers some general maxims concerning wealth, which have been preserved, strangely enough, even to our own days. They were held in considerable respect by the most active traders of the Middle Ages, especially by the Venetians, who even went so far in their admiration as to place a statue of the old Jew on the angle of one of their principal public buildings.[2] Of late years these writings have fallen into disrepute, being opposed in every particular to the spirit of modern commerce. Nevertheless I shall reproduce a passage or two from them here, partly because they may interest the reader by their novelty; and chiefly because they will show him that it is possible for a very practical and acquisitive tradesman to hold, through a not unsuccessful career, that principle of distinction between well-gotten and ill-gotten wealth, which, partially insisted on in my last paper, it must be our work more completely to examine in this.

[1] For the meaning of the chapter title see § 46 and note.

[2] The group referred to, representing the Judgment of Solomon, was placed on the northwest angle of the Ducal Palace in Venice—the so-called "Judgment Angle."

43. He says, for instance, in one place: "The getting of treasures by a lying tongue is a vanity tossed to and fro of them that seek death";[1] adding in another, with the same meaning (he has a curious way of doubling his sayings): "Treasures of wickedness profit nothing: but justice delivers from death."[2] Both these passages are notable for their assertions of death as the only real issue and sum of attainment by any unjust scheme of wealth. If we read, instead of "lying tongue," "lying label, title, pretense, or advertisement," we shall more clearly perceive the bearing of the words on modern business. The seeking of death is a grand expression of the true course of men's toil in such business. We usually speak as if death pursued us, and we fled from him; but that is only so in rare instances. Ordinarily he masks himself—makes himself beautiful—all-glorious; not like the King's daughter, all-glorious within, but outwardly: his clothing of wrought gold.[3] We pursue him frantically all our days, he flying or hiding from us. Our crowning success at three-score and ten is utterly and perfectly to seize, and hold him in his eternal integrity—robes, ashes, and sting.

Again: the merchant says, "He that oppresseth the poor to increase his riches, shall surely come to want." And again, more strongly: "Rob not the poor because he is poor; neither oppress the afflicted in the place of business. For God shall spoil the soul of those that spoiled them."[4]

This "robbing the poor because he is poor," is especially the mercantile form of theft, consisting in taking advantage of a man's necessities in order to obtain his labor or property at a reduced price. The ordinary highwayman's

[1] Prov. xxi, 6.
[2] Prov. x, 2.
[3] Psalms xlv, 13.
[4] Prov. xxii, 16, 22-3.

opposite form of robbery—of the rich, because he is rich—does not appear to occur so often to the old merchant's mind; probably because, being less profitable and more dangerous than the robbery of the poor, it is rarely practiced by persons of discretion.

44. But the two most remarkable passages in their deep general significance are the following:—

"The rich and the poor have met. God is their maker."

"The rich and the poor have met. God is their light."[1]

They "have met": more literally, have stood in each other's way (*obviaverunt*). That is to say, as long as the world lasts, the action and counteraction of wealth and poverty, the meeting, face to face, of rich and poor, is just as appointed and necessary a law of that world as the flow of stream to sea, or the interchange of power among the electric clouds:—"God is their maker." But, also, this action may be either gentle and just, or convulsive and destructive: it may be by rage of devouring flood, or by lapse of serviceable wave;—in blackness of thunderstroke, or continual force of vital fire, soft, and shapeable into love-syllables from far away. And which of these it shall be, depends on both rich and poor knowing that God is their light; that in the mystery of human life, there is no other light than this by which they can see each other's faces, and live;—light, which is called in another of the books among which the merchant's maxims have been preserved, the "sun of justice,"[2]

[1] Prov. xxii, 2, and xxix, 13. The second is Ruskin's translation of the Vulgate, not the reading of the King James Version.

[2] Wisdom of Solomon v, 6. Ruskin adds the following note: "More accurately, Sun of Justness; but, instead of the harsh word 'Justness,' the old English 'Righteousness' being commonly employed, has, by getting confused with 'godliness,' or attracting about it various vague and broken meanings, prevented most persons from receiving the force of the passage in which it occurs. The word 'righteousness' properly refers to the justice of rule, or right, as distinguished from 'equity,' which

of which it is promised that it shall rise at last with "healing" (health-giving or helping, making whole or setting at one) in its wings.[1] For truly this healing is only possible by means of justice; no love, no faith, no hope will do it; men will be unwisely fond—vainly faithful,—unless primarily they are just; and the mistake of the best men through generation after generation, has been that great one of thinking to help the poor by almsgiving, and by preaching of patience or of hope, and by every other means, emollient or consolatory, except the one thing which God orders for them, justice. But this justice, with its accompanying holiness or helpfulness, being even by the best man denied in its trial time, is by the mass of men hated wherever it appears: so that, when the choice was one day fairly put to them, they denied the Helpful One and the Just;[2] and desired a murderer, sedition-raiser, and robber, to be granted to them;—the murderer instead of the Lord of Life, the sedition-raiser instead of the Prince of Peace, and the robber instead of the Just Judge of all the world.

45. I have just spoken of the flowing of streams to the sea as a partial image of the action of wealth. In one respect it is not a partial, but a perfect image. The popular economist thinks himself wise in having discovered that

refers to the justice of balance. More broadly, Righteousness is King's justice; and Equity Judge's justice; the King guiding or ruling all, the Judge dividing or discerning between opposites (therefore, the double question, 'Man, who made me a ruler—*δικαστὴς*—or a divider—*μεριστὴς*—over you?') Thus, with respect to the Justice of Choice (selection, the feebler and passive justice), we have from lego,—lex, legal, loi, and loyal; and with respect to the Justice of Rule (direction, the stronger and active justice), we have from rego,—rex, regal, roi, and royal."

[1] Malachi iv, 2.

[2] In another place written with the same meaning, "Just, and having salvation." [Ruskin.] The two references are to Acts iii, 14, and Zech. ix, 9.

wealth, or the forms of property in general, must go where they are required; that where demand is, supply must follow. He farther declares that this course of demand and supply cannot be forbidden by human laws. Precisely in the same sense, and with the same certainty, the waters of the world go where they are required. Where the land falls, the water flows. The course neither of clouds nor rivers can be forbidden by human will. But the disposition and administration of them can be altered by human forethought. Whether the stream shall be a curse or a blessing, depends upon man's labor, and administrating intelligence. For centuries after centuries, great districts of the world, rich in soil, and favored in climate, have lain desert under the rage of their own rivers; nor only desert, but plague-struck. The stream which, rightly directed, would have flowed in soft irrigation from field to field—would have purified the air, given food to man and beast, and carried their burdens for them on its bosom—now overwhelms the plain and poisons the wind; its breath pestilence, and its work famine. In like manner this wealth "goes where it is required." No human laws can withstand its flow. They can only guide it: but this, the leading trench and limiting mound can do so thoroughly, that it shall become water of life—the riches of the hand of wisdom;[1] or, on the contrary, by leaving it to its own lawless flow, they may make it, what it has been too often, the last and deadliest of national plagues: water of Marah—the water which feeds the roots of all evil.[2]

The necessity of these laws of distribution or restraint is curiously overlooked in the ordinary political economist's definition of his own "science." He calls it, shortly, the

[1] "Length of days in her right hand; in her left, riches and honor." [Ruskin.] The quotation is from Prov. iii, 16.

[2] See Exodus xv, 23.

"science of getting rich." But there are many sciences, as well as many arts, of getting rich. Poisoning people of large estates, was one employed largely in the Middle Ages; adulteration of food of people of small estates, is one employed largely now. The ancient and honorable Highland method of blackmail; the more modern and less honorable system of obtaining goods on credit, and the other variously improved methods of appropriation—which, in major and minor scales of industry, down to the most artistic pocket-picking, we owe to recent genius,—all come under the general head of sciences, or arts, of getting rich.

46. So that it is clear the popular economist, in calling his science the science par excellence of getting rich, must attach some peculiar ideas of limitation to its character. I hope I do not misrepresent him, by assuming that he means *his* science to be the science of "getting rich by legal or just means." In this definition, is the word "just," or "legal," finally to stand? For it is possible among certain nations, or under certain rulers, or by help of certain advocates, that proceedings may be legal which are by no means just. If, therefore, we leave at last only the word "just" in that place of our definition, the insertion of this solitary and small word will make a notable difference in the grammar of our science. For then it will follow that in order to grow rich scientifically, we must grow rich justly; and, therefore, know what is just; so that our economy will no longer depend merely on prudence, but on jurisprudence—and that of divine, not human law. Which prudence is indeed of no mean order, holding itself, as it were, high in the air of heaven, and gazing for ever on the light of the sun of justice; hence the souls which have excelled in it are represented by Dante as stars forming in heaven for ever the figure of the eye of an eagle; they having been in life the discerners of light from darkness; or to the whole

human race, as the light of the body, which is the eye; while those souls which form the wings of the bird (giving power and dominion to justice, "healing in its wings") trace also in light the inscription in heaven: "DILIGITE JUSTITIAM QUI JUDICATIS TERRAM."[1] "Ye who judge the earth, give" (not, observe, merely love, but)"diligent love to justice": the love which seeks diligently, that is to say, choosingly, and by preference to all things else. Which judging or doing judgment in the earth is, according to their capacity and position, required not of judges only, nor of rulers only, but of all men:[2] a truth sorrowfully lost sight of even by those who are ready enough to apply to themselves passages in which Christian men are spoken of as called to be "saints" (*i.e.,* to helpful or healing functions); and "chosen to be kings"[3] (*i.e.,* to knowing or directing functions); the true meaning of these titles having been long lost through the pretenses of unhelpful and unable persons to saintly and kingly character; also through the once popular idea that both the sanctity and royalty are to consist in wearing long robes and high crowns, instead of in mercy and judgment; whereas all true sanctity is saving power, as all true royalty is ruling power; and injustice is part and parcel of the denial of such power, which "makes men as the creeping

[1] *Paradise,* Cantos xviii-xx. The words which the spirits trace in Heaven are from the Wisdom of Solomon i, 1.

[2] I hear that several of our lawyers have been greatly amused by the statement in the first of these papers that a lawyer's function was to do justice. I did not intend it for a jest; nevertheless it will be seen that in the above passsage neither the determination nor doing of justice are contemplated as functions wholly peculiar to the lawyer. Possibly, the more our standing armies, whether of soldiers, pastors, or legislators (the generic term "pastor" including all teachers, and the generic term "lawyer" including makers as well as interpreters of law), can be superseded by the force of national heroism, wisdom, and honesty, the better it may be for the nation. [Ruskin.]

[3] Rom. i, 7, and Rev. i, 6.

things, as the fishes of the sea, that have no ruler over them." [1]

47. Absolute justice is indeed no more attainable than absolute truth; but the righteous man is distinguished from the unrighteous by his desire and hope of justice, as the true man from the false by his desire and hope of truth. And though absolute justice be unattainable, as much justice as we need for all practical use is attainable by all those who make it their aim.

We have to examine, then, in the subject before us, what are the laws of justice respecting payment of labor—no small part, these, of the foundations of all jurisprudence.

I reduced, in my last paper, the idea of money payment to its simplest or radical terms. In those terms its nature, and the conditions of justice respecting it, can be best ascertained.

Money payment, as there stated, consists radically in a promise to some person working for us, that for the time and labor he spends in our service to-day we will give or procure equivalent time and labor in his service at any future time when he may demand it.[2]

[1] It being the privilege of the fishes, as it is of rats and wolves, to live by the laws of demand and supply; but the distinction of humanity, to live by those of right. [Ruskin.] The quotation is from Hab. i, 14.

[2] It might appear at first that the market price of labor expressed such an exchange: but this is a fallacy, for the market price is the momentary price of the kind of labor required, but the just price is its equivalent of the productive labor of mankind. This difference will be analyzed in its place. It must be noted also that I speak here only of the exchangeable value of labor, not of that of commodities. The exchangeable value of a commodity is that of the labor required to produce it, multiplied into the force of the demand for it. If the value of the labor $= x$ and the force of demand $= y$, the exchangeable value of the commodity is xy, in which if either $x = 0$, or $y = 0$, $xy = 0$. [Ruskin.]

If we promise to give him less labor than he has given us, we under-pay him. If we promise to give him more labor than he has given us, we over-pay him. In practice, according to the laws of demand and supply, when two men are ready to do the work, and only one man wants to have it done, the two men underbid each other for it; and the one who gets it to do, is under-paid. But when two men want the work done, and there is only one man ready to do it, the two men who want it done overbid each other, and the workman is over-paid.

48. I will examine these two points of injustice in succession; but first I wish the reader to clearly understand the central principle, lying between the two, of right or just payment.

When we ask a service of any man, he may either give it us freely, or demand payment for it. Respecting free gift of service, there is no question at present, that being a matter of affection—not of traffic. But if he demand payment for it, and we wish to treat him with absolute equity, it is evident that this equity can only consist in giving time for time, strength for strength, and skill for skill. If a man works an hour for us, and we only promise to work half an hour for him in return, we obtain an unjust advantage. If, on the contrary, we promise to work an hour and a half for him in return, he has an unjust advantage. The justice consists in absolute exchange; or, if there be any respect to the stations of the parties, it will not be in favor of the employer: there is certainly no equitable reason in a man's being poor, that if he give me a pound of bread to-day, I should return him less than a pound of bread to-morrow; or any equitable reason in a man's being uneducated, that if he uses a certain quantity of skill and knowledge in my service, I should use a less quantity of skill and knowledge in his. Perhaps, ultimately, it may appear desirable,

or, to say the least, gracious, that I should give in return somewhat more than I received. But at present, we are concerned on the law of justice only, which is that of perfect and accurate exchange;—one circumstance only interfering with the simplicity of this radical idea of just payment—that inasmuch as labor (rightly directed) is fruitful just as seed is, the fruit (or "interest," as it is called) of the labor first given, or "advanced," ought to be taken into account, and balanced by an additional quantity of labor in the subsequent repayment. Supposing the repayment to take place at the end of the year, or of any other given time, this calculation could be approximately made, but as money (that is to say, cash) payment involves no reference to time (it being optional with the person paid to spend what he receives at once or after any number of years), we can only assume, generally, that some slight advantage must in equity be allowed to the person who advances the labor, so that the typical form of bargain will be: If you give me an hour to-day, I will give you an hour and five minutes on demand. If you give me a pound of bread to-day, I will give you seventeen ounces on demand, and so on. All that is necessary for the reader to note is, that the amount returned is at least in equity not to be *less* than the amount given.

The abstract idea, then, of just or due wages, as respects the laborer, is that they will consist in a sum of money which will at any time procure for him at least as much labor as he has given, rather more than less. And this equity or justice of payment is, observe, wholly independent of any reference to the number of men who are willing to do the work. I want a horseshoe for my horse. Twenty smiths, or twenty thousand smiths, may be ready to forge it; their number does not in one atom's weight affect the question of the equitable payment of the one who *does* forge it. It costs him a quarter of an hour of his life, and so much skill

and strength of arm, to make that horseshoe for me. Then at some future time I am bound in equity to give a quarter of an hour, and some minutes more, of my life (or of some other person's at my disposal), and also as much strength of arm and skill, and a little more, in making or doing what the smith may have need of.

49. Such being the abstract theory of just remunerative payment, its application is practically modified by the fact that the order for labor, given in payment, is general, while the labor received is special. The current coin or document is practically an order on the nation for so much work of any kind; and this universal applicability to immediate need renders it so much more valuable than special labor can be, that an order for a less quantity of this general toil will always be accepted as a just equivalent for a greater quantity of special toil. Any given craftsman will always be willing to give an hour of his own work in order to receive command over half an hour, or even much less, of national work. This source of uncertainty, together with the difficulty of determining the monetary value of skill,[1] render the

[1] Under the term "skill" I mean to include the united force of experience, intellect, and passion, in their operation on manual labor: and under the term "passion" to include the entire range and agency of the moral feelings; from the simple patience and gentleness of mind which will give continuity and fineness to the touch, or enable one person to work without fatigue, and with good effect, twice as long as another, up to the qualities of character which render science possible—(the retardation of science by envy is one of the most tremendous losses in the economy of the present century)—and to the incommunicable emotion and imagination which are the first and mightiest sources of all value in art.

It is highly singular that political economists should not yet have perceived, if not the moral, at least the passionate element, to be an inextricable quantity in every calculation. I cannot conceive, for instance, how it was possible that Mr. Mill should have followed the true clew so far as to write,—"No limit can be set to the importance—even in a purely productive and material point

ascertainment (even approximate) of the proper wages of any given labor in terms of a currency, matter of considerable complexity. But they do not affect the principle of exchange. The worth of the work may not be easily known; but it *has* a worth, just as fixed and real as the specific gravity of a substance, though such specific gravity may not be easily ascertainable when the substance is united with many others. Nor is there so much difficulty or chance in determining it, as in determining the ordinary maxima and minima of vulgar political economy. There are few bargains in which the buyer can ascertain with anything like precision that the seller would have taken no less;—or the seller acquire more than a comfortable faith that the purchaser would have given no more. This impossibility of precise knowledge prevents neither from striving to attain the desired point of greatest vexation and injury to the other, nor from accepting it for a scientific principle that he

of view—of mere thought," without seeing that it was logically necessary to add also, "and of mere feeling." And this the more, because in his first definition of labor he includes in the idea of it "all feelings of a disagreeable kind connected with the employment of one's thoughts in a particular occupation." True; but why not also, "feelings of an agreeable kind"? It can hardly be supposed that the feelings which retard labor are more essentially a part of the labor than those which accelerate it. The first are paid for as pain, the second as power. The workman is merely indemnified for the first; but the second both produce a part of the exchangeable value of the work, and materially increase its actual quantity.

"Fritz is with us. *He* is worth fifty thousand men." Truly, a large addition to the material force;—consisting, however, be it observed, not more in operations carried on in Fritz's head, than in operations carried on in his armies' heart. "No limit can be set to the importance of *mere* thought." Perhaps not! Nay, suppose some day it should turn out that "mere" thought was in itself a recommendable object of production, and that all Material production was only a step towards this more precious Immaterial one? [Ruskin.] The quotations from Mill are from the *Principles of Political Economy*, Bk. I, ch. i, § 1, and ch. ii, § 8.

is to buy for the least and sell for the most possible, though what the real least or most may be he cannot tell. In like manner, a just person lays it down for a scientific principle that he is to pay a just price, and, without being able precisely to ascertain the limits of such a price, will nevertheless strive to attain the closest possible approximation to them. A practically serviceable approximation he *can* obtain. It is easier to determine scientifically what a man ought to have for his work, than what his necessities will compel him to take for it.[1] His necessities can only be ascertained by empirical, but his due by analytical, investigation. In the one case, you try your answer to the sum like a puzzled schoolboy—till you find one that fits; in the other, you bring out your result within certain limits, by process of calculation.

. . . . . .

54. The collateral and reversionary operations of justice in this matter I shall examine hereafter (it being needful first to define the nature of value). . . . Lest, however, the reader should be alarmed at some of the issues to which our investigations seem to be tending, as if in their bearing against the power of wealth they had something in common with those of socialism, I wish him to know, in accurate terms, one or two of the main points which I have in view.

Whether socialism has made more progress among the army and navy (where payment is made on my principles), or among the manufacturing operatives (who are paid on my opponents' principles), I leave it to those opponents to ascertain and declare. Whatever their conclusion may be, I think it necessary to answer for myself only this: that if

[1] For a criticism of this passage and a comment on its relation to the principle of the minimum wage, see J. A. Hobson's *John Ruskin, Social Reformer,* ch. vi, § 6, ff.

there be any one point insisted on throughout my works more frequently than another, that one point is the impossibility of Equality. My continual aim has been to show the eternal superiority of some men to others, sometimes even of one man to all others; and to show also the advisability of appointing such persons or person to guide, to lead, or on occasion even to compel and subdue, their inferiors according to their own better knowledge and wiser will.[1] My principles of Political Economy were all involved in a single phrase spoken three years ago at Manchester: "Soldiers of the Plowshare as well as Soldiers of the Sword": and they were all summed in a single sentence in the last volume of *Modern Painters*—"Government and co-operation are in all things the Laws of Life; Anarchy and competition the Laws of Death."[2]

And with respect to the mode in which these general principles affect the secure possession of property, so far am I from invalidating such security, that the whole gist of these papers will be found ultimately to aim at an extension in its range; and whereas it has long been known and declared that the poor have no right to the property of the rich, I wish it also to be known and declared that the rich have no right to the property of the poor.

55. But that the working of the system which I have undertaken to develop would in many ways shorten the apparent and direct, though not the unseen and collateral, power, both of wealth, as the Lady of Pleasure, and of capital as the Lord of Toil, I do not deny: on the contrary, I affirm it in all joyfulness; knowing that the attraction of riches is already too strong, as their authority is already too

[1] Compare Carlyle, *Past and Present*, Bk. III, ch. xiii, "Democracy."

[2] The phrase occurs in *A Joy for Ever*, I, § 15, first read as a lecture in Manchester in 1857. The reference to *Modern Painters* is Pt. VIII, ch. i, § 6.

weighty, for the reason of mankind. I said in my last paper that nothing in history had ever been so disgraceful to human intellect as the acceptance among us of the common doctrines of political economy as a science. I have many grounds for saying this, but one of the chief may be given in few words. I know no previous instance in history of a nation's establishing a systematic disobedience to the first principles of its professed religion. The writings which we (verbally) esteem as divine, not only denounce the love of money as the source of all evil, and as an idolatry abhorred of the Deity, but declare mammon service to be the accurate and irreconcilable opposite of God's service: and, whenever they speak of riches absolute, and poverty absolute, declare woe to the rich, and blessing to the poor. Whereupon we forthwith investigate a science of becoming rich, as the shortest road to national prosperity.

> "Tai Cristian dannerà l'Etiòpe,
> Quando si partiranno i due collegi,
> L'UNO IN ETERNO RICCO, E L'ALTRO INÒPE." [1]

[1] *Paradise*, xix, 109-11: "The Ethiop will condemn such Christians when the two companies shall be separated, the one forever rich, and the other poor." (Norton's translation.)

QUESTIONS

56-58. What is Ruskin's programme for this chapter? What are the ideas of produce which he here condemns as false?

59-60. What definitions of value is he here criticising?

61. What is his own definition of value?

62-65. How does Ruskin define possession? How does he define useful? What idea of the real nature of wealth does he draw from these?

66-71. What is the distinction which Ruskin draws between *profit* and *advantage* in exchange? What does he mean by saying that when material gain follows exchange for every plus there must be an equal minus? (Is this consistent with his definition of wealth in paragraphs 64 and 65?) What does he mean by saying that the science of exchange as usually practiced is founded upon nescience? Why does he say that the price of everything must be calculated finally in terms of labor? Explain his illustration of the apple-sapling.

72-76. What does Ruskin mean by positive and negative labor? What is his measure of true prosperity? What is his idea of the function of capital? What is his definition of true production? What does he mean by saying that consumption is the crown and test of production?

77-80. How does Ruskin deduce his statement "There is no wealth but Life" from the foregoing? What does he think of the "danger of over-population," and of the ordinary "remedies" proposed for it?

81-85. What are Ruskin's ideas of the true happiness of the working classes in factory, farm, and household?

XXI

AD VALOREM

("*Unto this Last*," Essay IV)

56. In the last paper we saw that just payment of labor consisted in a sum of money which would approximately obtain equivalent labor at a future time: we have now to examine the means of obtaining such equivalence. Which question involves the definition of Value, Wealth, Price, and Produce.

None of these terms are yet defined so as to be understood by the public. But the last, Produce, which one might have thought the clearest of all, is, in use, the most ambiguous; and the examination of the kind of ambiguity attendant on its present employment will best open the way to our work.

In his chapter on Capital,[1] Mr. J. S. Mill instances, as a capitalist, a hardware manufacturer, who, having intended to spend a certain portion of the proceeds of his business in buying plate and jewels, changes his mind, and "pays it as wages to additional workpeople." The effect is stated by Mr. Mill to be, that "more food is appropriated to the consumption of productive laborers."

57. Now I do not ask, though, had I written this paragraph, it would surely have been asked of me, What is to become of the silversmiths? If they are truly unproductive

[1] Bk. I, ch. iv, sect. 1. To save space, my future references to Mr. Mill's work will be by numerals only, as in this instance, I. iv. 1. Ed. in 2 vols., 8vo, Parker, 1848. [Ruskin.]

persons, we will acquiesce in their extinction. And though in another part of the same passage, the hardware merchant is supposed also to dispense with a number of servants, whose "food is thus set free for productive purposes," I do not inquire what will be the effect, painful or otherwise, upon the servants, of this emancipation of their food. But I very seriously inquire why ironware is produce, and silverware is not? That the merchant consumes the one, and sells the other, certainly does not constitute the difference, unless it can be shown (which, indeed, I perceive it to be becoming daily more and more the aim of tradesmen to show) that commodities are made to be sold, and not to be consumed. The merchant is an agent of conveyance to the consumer in one case, and is himself the consumer in the other:[1] but the laborers are in either case equally productive, since they have produced goods to the same value, if the hardware and the plate are both goods.

And what distinction separates them? It is indeed possible that in the "comparative estimate of the moralist," with which Mr. Mill says political economy has nothing to do (III. i. 2), a steel fork might appear a more substantial production than a silver one: we may grant also that knives, no less than forks, are good produce; and scythes and plow-

[1] If Mr. Mill had wished to show the difference in result between consumption and sale, he should have represented the hardware merchant as consuming his own goods instead of selling them; similarly, the silver merchant as consuming his own goods instead of selling them. Had he done this, he would have made his position clearer, though less tenable; and perhaps this was the position he really intended to take, tacitly involving his theory, elsewhere stated, and shown in the sequel of this paper to be false, that demand for commodities is not demand for labor. But by the most diligent scrutiny of the paragraph now under examination, I cannot determine whether it is a fallacy pure and simple, or the half of one fallacy supported by the whole of a greater one; so that I treat it here on the kinder assumption that it is one fallacy only. [Ruskin.]

shares serviceable articles. But, how of bayonets? Supposing the hardware merchant to effect large sales of *these,* by help of the "setting free" of the food of his servants and his silversmith,—is he still employing productive laborers, or, in Mr. Mill's words, laborers who increase "the stock of permanent means of enjoyment" (I. iii. 4)? Or if, instead of bayonets, he supply bombs, will not the absolute and final "enjoyment" of even these energetically productive articles (each of which costs ten pounds[1]) be dependent on a proper choice of time and place for their *enfantement;* choice, that is to say, depending on those philosophical considerations with which political economy has nothing to do?[2]

58. I should have regretted the need of pointing out inconsistency in any portion of Mr. Mill's work, had not the the value of his work proceeded from its inconsistencies. He deserves honor among economists by inadvertently disclaiming the principles which he states, and tacitly introducing the moral considerations with which he declares his science has no connection. Many of his chapters are, therefore, true and valuable; and the only conclusions of his which I have to dispute are those which follow from his premises.

Thus, the idea which lies at the root of the passage we have just been examining, namely, that labor applied to produce luxuries will not support so many persons as labor applied to produce useful articles, is entirely true; but the

[1] I take Mr. Helps' estimate in his essay on War. [Ruskin.]

[2] Also, when the wrought silver vases of Spain were dashed to fragments by our custom-house officers because bullion might be imported free of duty, but not brains, was the ax that broke them productive?—the artist who wrought them unproductive? Or again. If the woodman's ax is productive, is the executioner's? as also, if the hemp of a cable be productive, does not the productiveness of hemp in a halter depend on its moral more than on its material application? [Ruskin.]

instance given fails—and in four directions of failure at once—because Mr. Mill has not defined the real meaning of usefulness. The definition which he has given—"capacity to satisfy a desire, or serve a purpose" (III. i. 2)—applies equally to the iron and silver; while the true definition—which he has not given, but which nevertheless underlies the false verbal definition in his mind, and comes out once or twice by accident (as in the words "any support to life or strength" in I. iii. 5)—applies to some articles of iron, but not to others, and to some articles of silver, but not to others. It applies to plows, but not to bayonets; and to forks, but not to filigree.[1]

59. The eliciting of the true definitions will give us the reply to our first question, "What is value?" respecting which, however, we must first hear the popular statements.

"The word 'value,' when used without adjunct, always means, in political economy, value in exchange" (Mill, III. i. 2). So that, if two ships cannot exchange their rudders, their rudders are, in politico-economic language, of no value to either.

But "the subject of political economy is wealth."—(Preliminary remarks, page 1.)

And wealth "consists of all useful and agreeable objects which possess exchangeable value."—(Preliminary remarks, page 10.)

It appears, then, according to Mr. Mill, that usefulness and agreeableness underlie the exchange value, and must be ascertained to exist in the thing, before we can esteem it an object of wealth.

Now, the economical usefulness of a thing depends not merely on its own nature, but on the number of people who can and will use it. A horse is useless, and therefore un-

[1] Filigree; that is to say, generally, ornament dependent on complexity, not on art. [Ruskin.]

saleable, if no one can ride,—a sword, if no one can strike, and meat, if no one can eat. Thus every material utility depends on its relative human capacity.

Similarly: The agreeableness of a thing depends not merely on its own likeableness, but on the number of people who can be got to like it. The relative agreeableness, and therefore saleableness, of "a pot of the smallest ale," and of "Adonis painted by a running brook," depends virtually on the opinion of Demos, in the shape of Christopher Sly. That is to say, the agreeableness of a thing depends on its relatively human disposition.[1] Therefore, political economy, being a science of wealth, must be a science respecting human capacities and dispositions. But moral considerations have nothing to do with political economy (III. i. 2). Therefore, moral considerations have nothing to do with human capacities and dispositions.

60. I do not wholly like the look of this conclusion from Mr. Mill's statements:—let us try Mr. Ricardo's.

"Utility is not the measure of exchangeable value, though

[1] These statements sound crude in their brevity; but will be found of the utmost importance when they are developed. Thus, in the above instance, economists have never perceived that disposition to buy is a wholly *moral* element in demand: that is to say, when you give a man half a crown, it depends on his disposition whether he is rich or poor with it—whether he will buy disease, ruin, and hatred, or buy health, advancement, and domestic love. And thus the agreeableness or exchange value of every offered commodity depends on production, not merely of the commodity, but of buyers of it; therefore on the education of buyers, and on all the moral elements by which their disposition to buy this, or that, is formed. I will illustrate and expand into final consequences every one of these definitions in its place: at present they can only be given with extremest brevity; for in order to put the subject at once in a connected form before the reader, I have thrown into one, the opening definitions of four chapters: namely, of that on Value ("Ad Valorem"); on Price ("Thirty Pieces"); on Production ("Demeter"); and on Economy ("The Law of the House"). [Ruskin.]

it is absolutely essential to it."—(Chap. I. sect. i.) Essential in what degree, Mr. Ricardo? There may be greater and less degrees of utility. Meat, for instance, may be so good as to be fit for any one to eat, or so bad as to be fit for no one to eat. What is the exact degree of goodness which is "essential" to its exchangeable value, but not "the measure" of it? How good must the meat be, in order to possess any exchangeable value? and how bad must it be—(I wish this were a settled question in London markets)—in order to possess none?

There appears to be some hitch, I think, in the working even of Mr. Ricardo's principles; but let him take his own example. "Suppose that in the early stages of society the bows and arrows of the hunter were of equal value with the implements of the fisherman. Under such circumstances the value of the deer, the produce of the hunter's day's labor, would be *exactly*" (italics mine) "equal to the value of the fish, the product of the fisherman's day's labor. The comparative value of the fish and game would be *entirely* regulated by the quantity of labor realized in each." (Ricardo, chap. iii. On Value.)

Indeed! Therefore, if the fisherman catches one sprat, and the huntsman one deer, one sprat will be equal in value to one deer; but if the fisherman catches no sprat and the huntsman two deer, no sprat will be equal in value to two deer?

Nay; but—Mr. Ricardo's supporters may say—he means, on an average;—if the average product of a day's work of fisher and hunter be one fish and one deer, the one fish will always be equal in value to the one deer.

Might I inquire the species of fish? Whale? or whitebait? [1]

[1] Perhaps it may be said, in farther support of Mr. Ricardo, that he meant, "when the utility is constant or given, the price varies

It would be waste of time to pursue these fallacies farther; we will seek for a true definition.

61. Much store has been set for centuries upon the use

as the quantity of labor." If he meant this, he should have said it; but, had he meant it, he could have hardly missed the necessary result, that utility would be one measure of price (which he expressly denies it to be); and that, to prove saleableness, he had to prove a given quantity of utility, as well as a given quantity of labor; to wit, in his own instance, that the deer and fish would each feed the same number of men, for the same number of days, with equal pleasure to their palates. The fact is, he did not know what he meant himself. The general idea which he had derived from commercial experience, without being able to analyze it, was that when the demand is constant, the price varies as the quantity of labor required for production; or, using the formula I gave in last paper—when y is constant, xy varies as x. But demand never is nor can be ultimately constant, if x varies distinctly; for, as price rises, consumers fall away; and as soon as there is a monopoly (and all scarcity is a form of monopoly, so that every commodity is affected occasionally by some color of monopoly), y becomes the most influential condition of the price. Thus the price of a painting depends less on its merit than on the interest taken in it by the public; the price of singing less on the labor of the singer than the number of persons who desire to hear him; and the price of gold less on the scarcity which affects it in common with cerium or iridium, than on the sunlight color and unalterable purity by which it attracts the admiration and answers the trust of mankind.

It must be kept in mind, however, that I use the word "demand" in a somewhat different sense from economists usually. They mean by it "the quantity of a thing sold." I mean by it "the force of the buyer's capable intention to buy." In good English, a person's "demand" signifies, not what he gets, but what he asks for.

Economists also do not notice that objects are not valued by absolute bulk or weight, but by such bulk and weight as is necessary to bring them into use. They say, for instance, that water bears no price in the market. It is true that a cupful does not, but a lake does; just as a handful of dust does not, but an acre does. And were it possible to make even the possession of a cupful or handful permanent (*i.e.*, to find a place for them), the earth and sea would be bought up by handfuls and cupfuls. [Ruskin.]

of our English classical education. It were to be wished that our well-educated merchants recalled to mind always this much of their Latin schooling,—that the nominative of *valorem* (a word already sufficiently familiar to them) is *valor;* a word which, therefore, ought to be familiar to them. *Valor,* from *valere,* to be well or strong (ὑγιαίνω); —strong, *in* life (if a man), or valiant; strong, *for* life (if a thing), or valuable. To be "valuable," therefore, is to "avail towards life." A truly valuable or availing thing is that which leads to life with its whole strength. In proportion as it does not lead to life, or as its strength is broken, it is less valuable; in proportion as it leads away from life, it is unvaluable or malignant.

The value of a thing, therefore, is independent of opinion, and of quantity. Think what you will of it, gain how much you may of it, the value of the thing itself is neither greater nor less. For ever it avails, or avails not; no estimate can raise, no disdain repress, the power which it holds from the Maker of things and of men.

The real science of political economy, which has yet to be distinguished from the bastard science, as medicine from witchcraft, and astronomy from astrology, is that which teaches nations to desire and labor for the things that lead to life: and which teaches them to scorn and destroy the things that lead to destruction. And if, in a state of infancy, they supposed indifferent things, such as excrescences of shell-fish, and pieces of blue and red stone, to be valuable, and spent large measures of the labor which ought to be employed for the extension and ennobling of life, in diving or digging for them, and cutting them into various shapes,—or if, in the same state of infancy, they imagine precious and beneficent things, such as air, light, and cleanliness, to be valueless,—or if, finally, they imagine the conditions of their own existence, by

which alone they can truly possess or use anything, such, for instance, as peace, trust, and love, to be prudently exchangeable, when the markets offer, for gold, iron, or excrescences of shells—the great and only science of Political Economy teaches them, in all these cases, what is vanity, and what substance; and how the service of Death, the Lord of Waste, and of eternal emptiness, differs from the service of Wisdom, the Lady of Saving, and of eternal fullness; she who has said, "I will cause those that love me to inherit Substance; and I will Fill their treasures." [1]

The "Lady of Saving," in a profounder sense than that of the savings bank, though that is a good one: Madonna della Salute,—Lady of Health,—which, though commonly spoken of as if separate from wealth, is indeed a part of wealth. This word, "wealth," it will be remembered, is the next we have to define.

62. "To be wealthy," says Mr. Mill, "is to have a large stock of useful articles."

I accept this definition. Only let us perfectly understand it. My opponents often lament my not giving them enough logic: I fear I must at present use a little more than they will like; but this business of Political Economy is no light one, and we must allow no loose terms in it.

We have, therefore, to ascertain in the above definition, first, what is the meaning of "having," or the nature of Possession. Then what is the meaning of "useful," or the nature of Utility.

And first of possession. At the crossing of the transepts of Milan Cathedral has lain, for three hundred years, the embalmed body of St. Carlo Borromeo. It holds a golden crosier, and has a cross of emeralds on its breast. Admitting the crosier and emeralds to be useful articles, is

[1] Prov. viii, 21.

the body to be considered as "having" them? Do they, in the politico-economical sense of property, belong to it? If not, and if we may, therefore, conclude generally that a dead body cannot possess property, what degree and period of animation in the body will render possession possible?

As thus: lately in a wreck of a California ship, one of the passengers fastened a belt about him with two hundred pounds of gold in it, with which he was found afterwards at the bottom. Now, as he was sinking—had he the gold? or had the gold him? [1]

And if, instead of sinking him in the sea by its weight, the gold had struck him on the forehead, and thereby caused incurable disease—suppose palsy or insanity,—would the gold in that case have been more a "possession" than in the first? Without pressing the inquiry up through instances of gradually increasing vital power over the gold (which I will, however, give, if they are asked for), I presume the reader will see that possession, or "having," is not an absolute, but a gradated, power; and consists not only in the quantity or nature of the thing possessed, but also (and in a greater degree) in its suitableness to the person possessing it and in his vital power to use it.

And our definition of Wealth, expanded, becomes: "The possession of useful articles, *which we can use*." This is a very serious change. For wealth, instead of depending merely on a "have," is thus seen to depend on a "can." Gladiator's death, on a "habet"; but soldier's victory, and State's salvation, on a "quo plurimum posset." (Liv. VII. 6.) [2] And what we reasoned of only as accumula-

[1] Compare George Herbert, *The Church Porch*, Stanza 28. [Ruskin.]

[2] When a gladiator was wounded the people cried "Habet" or "Hoc habet," whereupon the loser lowered his arms in token that

tion of material, is seen to demand also accumulation of capacity.

63. So much for our verb. Next for our adjective. What is the meaning of "useful"?

The inquiry is closely connected with the last. For what is capable of use in the hands of some persons, is capable, in the hands of others, of the opposite of use, called commonly "from-use," or "ab-use." And it depends on the person, much more than on the article, whether its usefulness or ab-usefulness will be the quality developed in it. Thus, wine, which the Greeks, in their Bacchus, made rightly the type of all passion, and which, when used, "cheereth god and man" (that is to say, strengthens both the divine life, or reasoning power, and the earthy, or carnal power, of man); yet, when abused, becomes "Dionusos," hurtful especially to the divine part of man, or reason.[1] And again, the body itself, being equally liable to use and to abuse, and, when rightly disciplined, serviceable to the State, both for war and labor;—but when not disciplined, or abused, valueless to the State, and capable only of continuing the private or single existence of the individual (and that but feebly)—the Greeks called such a body an "idiotic" or "private" body, from their word signifying a person employed in no way directly useful to the State; whence finally, our "idiot," meaning a person entirely occupied with his own concerns.

his life was at the mercy of the populace, who, if they desired his death, turned their thumbs upward.

The second allusion is to Livy's account of the death of M. Curtius, who leapt into the chasm which appeared in the Roman Forum and which, by the decree of the gods, could only be closed by the sacrifice of the *best* of the Roman people.

[1] The quotation is from Judges ix, 13. Ruskin's interpretation of the meaning of the name Dionysius seems to be peculiar to himself.

Hence, it follows that if a thing is to be useful, it must be not only of an availing nature, but in availing hands. Or, in accurate terms, usefulness is value in the hands of the valiant; so that this science of wealth being, as we have just seen, when regarded as the science of Accumulation, accumulative of capacity as well as of material,—when regarded as the Science of Distribution, is distribution not absolute, but discriminate; not of every thing to every man, but of the right thing to the right man. A difficult science, dependent on more than arithmetic.

64. Wealth, therefore, is "THE POSSESSION OF THE VALUABLE BY THE VALIANT"; and in considering it as a power existing in a nation, the two elements, the value of the thing, and the valor of its possessor, must be estimated together.[1] Whence it appears that many of the persons commonly considered wealthy, are in reality no more wealthy than the locks of their own strong boxes are, they being inherently and eternally incapable of wealth; and operating for the nation, in an economical point of view, either as pools of dead water, and eddies in a stream (which, so long as the stream flows, are useless, or serve only to drown people, but may become of importance in a state of stagnation should the stream dry); or else, as dams in a river, of which the ultimate service depends not on the dam, but the miller; or else, as mere accidental stays and impediments, acting not as wealth, but (for we ought to have a correspondent term) as "illth," causing various devastation and trouble around them in all directions; or lastly, act not at all, but are merely animated conditions of delay, (no use being possible of anything they have until they are dead,) in which last condition they

[1] Compare with this definition of wealth the following from Xenophon's *Economist*, i, 10-12, which Ruskin quotes in Appendix III to *Munera Pulveris:* "This being so, it follows that things are only property to the man who knows how to use them, etc."

are nevertheless often useful *as* delays, and "impedimenta," if a nation is apt to move too fast.

65. This being so, the difficulty of the true science of Political Economy lies not merely in the need of developing manly character to deal with material value, but in the fact, that while the manly character and material value only form wealth by their conjunction, they have nevertheless a mutually destructive operation on each other. For the manly character is apt to ignore, or even cast away, the material value:—whence that of Pope:—

> "Sure, of qualities demanding praise,
> More go to ruin fortunes, than to raise." [1]

And on the other hand, the material value is apt to undermine the manly character; so that it must be our work, in the issue, to examine what evidence there is of the effect of wealth on the minds of its possessors; also, what kind of person it is who usually sets himself to obtain wealth, and succeeds in doing so; and whether the world owes more gratitude to rich or to poor men, either for their moral influence upon it, or for chief goods, discoveries, and practical advancements. I may, however, anticipate future conclusions, so far as to state that in a community regulated only by laws of demand and supply, but protected from open violence, the persons who become rich are, generally speaking, industrious, resolute, proud, covetous, prompt, methodical, sensible, unimaginative, insensitive, and ignorant. The persons who remain poor are the entirely foolish, the entirely wise,[2] the idle, the reckless, the humble, the thoughtful, the dull, the imaginative, the sensitive, the well-

[1] Pope, *Moral Essays,* Epistle iii, ll. 201-2.

[2] "Zeus is certainly poor."—Aristophanes, *Plutus,* 582. It would but weaken the grand words to lean on the preceding ones [ll. 558-9 of the same comedy, and spoken likewise by Poverty]: "I render men better both in soul and body than does Wealth." [Ruskin's note, with the Greek passages translated.]

informed, the improvident, the irregularly and impulsively wicked, the clumsy knave, the open thief, and the entirely merciful, just, and godly person.

66. Thus far, then, of wealth. Next, we have to ascertain the nature of PRICE; that is to say, of exchange value, and its expression by currencies.

Note first, of exchange, there can be no *profit* in it. It is only in labor there can be profit—that is to say, a "making in advance," or "making in favor of" (from proficio). In exchange, there is only advantage, *i.e.*, a bringing of vantage or power to the exchanging persons. Thus, one man, by sowing and reaping, turns one measure of corn into two measures. That is Profit. Another, by digging and forging, turns one spade into two spades. That is Profit. But the man who has two measures of corn wants sometimes to dig; and the man who has two spades wants sometimes to eat:—They exchange the gained grain for the gained tool; and both are the better for the exchange; but though there is much advantage in the transaction, there is no profit. Nothing is constructed or produced. Only that which had been before constructed is given to the person by whom it can be used. If labor is necessary to effect the exchange, that labor is in reality involved in the production, and, like all other labor, bears profit. Whatever number of men are concerned in the manufacture, or in the conveyance, have share in the profit; but neither the manufacture nor the conveyance are the exchange, and in the exchange itself there is no profit.

There may, however, be acquisition, which is a very different thing. If, in the exchange, one man is able to give what cost him little labor for what has cost the other much, he "acquires" a certain quantity of the produce of the other's labor. And precisely what he acquires, the other loses. In mercantile language, the person who thus acquires

is commonly said to have "made a profit"; and I believe that many of our merchants are seriously under the impression that it is possible for everybody, somehow, to make a profit in this manner. Whereas, by the unfortunate constitution of the world we live in, the laws both of matter and motion have quite rigorously forbidden universal acquisition of this kind. Profit, or material gain, is attainable only by construction or by discovery; not by exchange. Whenever material gain follows exchange, for every *plus* there is a precisely equal *minus*.

Unhappily for the progress of the science of Political Economy, the plus quantities, or—if I may be allowed to coin an awkward plural—the pluses, make a very positive and venerable appearance in the world, so that every one is eager to learn the science which produces results so magnificent; whereas the minuses have, on the other hand, a tendency to retire into back streets, and other places of shade,—or even to get themselves wholly and finally put out of sight in graves: which renders the algebra of this science peculiar, and difficultly legible; a large number of its negative signs being written by the account-keeper in a kind of red ink, which starvation thins, and makes strangely pale, or even quite invisible ink, for the present.

67. The Science of Exchange, or, as I hear it has been proposed to call it, of "Catallactics,"[1] considered as one of gain, is, therefore, simply nugatory; but considered as one of acquisition, it is a very curious science, differing in its data and basis from every other science known. Thus:—If I can exchange a needle with a savage for a diamond, my power of doing so depends either on the savage's ignorance of social arrangements in Europe, or on his want of power to take advantage of them, by selling the diamond to any one

[1] Proposed by Whately in his *Lectures on Political Economy*, 1831.

else for more needles. If, farther, I make the bargain as completely advantageous to myself as possible, by giving to the savage a needle with no eye in it (reaching, thus, a sufficiently satisfactory type of the perfect operation of catallactic science), the advantage to me in the entire transaction depends wholly upon the ignorance, powerlessness, or heedlessness of the person dealt with. Do away with these, and catallactic advantage becomes impossible. So far, therefore, as the science of exchange relates to the advantage of one of the exchanging persons only, it is founded on the ignorance or incapacity of the opposite person. Where these vanish, it also vanishes. It is therefore a science founded on nescience, and an art founded on artlessness. But all other sciences and arts, except this, have for their object the doing away with their opposite nescience and artlessness. *This* science, alone of sciences, must, by all available means, promulgate and prolong its opposite nescience; otherwise the science itself is impossible. It is, therefore, peculiarly and alone the science of darkness; probably a bastard science—not by any means a *divina scientia,* but one begotten of another father, that father who, advising his children to turn stones into bread, is himself employed in turning bread into stones, and who, if you ask a fish of him (fish not being producible on his estate), can but give you a serpent.[1]

68. The general law, then, respecting just or economical exchange, is simply this:—There must be advantage on both sides (or if only advantage on one, at least no disadvantage on the other) to the persons exchanging; and just payment for his time, intelligence, and labor, to any intermediate person effecting the transaction (commonly called a merchant); and whatever advantage there is on either side, and whatever pay is given to the intermediate person,

[1] Matt. iv, 3, and vii, 9-10.

should be thoroughly known to all concerned. All attempt at concealment implies some practice of the opposite, or undivine science, founded on nescience. Whence another saying of the Jew merchant's—"As a nail between the stone joints, so doth sin stick fast between buying and selling." [1]

. . . . . .

Phenomena of price, therefore, are intensely complex, curious, and interesting—too complex, however, to be examined yet . . . but as the price of everything is to be calculated finally in labor, it is necessary to define the nature of that standard.

70. Labor is the contest of the life of man with an opposite;—the term "life" including his intellect, soul, and physical power, contending with question, difficulty, trial, or material force.

Labor is of a higher or lower order, as it includes more or fewer of the elements of life: and labor of good quality, in any kind, includes always as much intellect and feeling as will fully and harmoniously regulate the physical force.

In speaking of the value and price of labor, it is necessary always to understand labor of a given rank and quality, as we should speak of gold or silver of a given standard. Bad (that is, heartless, inexperienced, or senseless) labor cannot be valued; it is like gold of uncertain alloy, or flawed iron.[2]

[1] Ecclesiasticus xxvii, 2.

[2] Labor which is entirely good of its kind, that is to say, effective, or efficient, the Greeks called "weighable," or ἄξιος, translated usually "worthy," and because thus substantial and true, they called its price τιμή, the "honorable estimate" of it (honorarium): this word being founded on their conception of true labor as a divine thing, to be honored with the kind of honor given to the gods; whereas the price of false labor, or of that which led away from life, was to be, not honor, but vengeance; for which they reserved another word [τίσις], attributing the exaction of such price to a peculiar goddess, called Tisiphone, the "requiter

The quality and kind of labor being given, its value, like that of all other valuable things, is invariable. But the quantity of it which must be given for other things is variable: and in estimating this variation, the price of other things must always be counted by the quantity of labor; not the price of labor by the quantity of other things.

71. Thus, if we want to plant an apple sapling in rocky ground, it may take two hours' work; in soft ground, perhaps only half an hour. Grant the soil equally good for the tree in each case. Then the value of the sapling planted by two hours' work is nowise greater than that of the sapling planted in half an hour. One will bear no more fruit than the other. Also, one half-hour of work is as valuable as another half-hour; nevertheless, the one sapling has cost four such pieces of work, the other only one. Now, the proper statement of this fact is, not that the labor on the hard ground is cheaper than on the soft; but that the tree is dearer. The exchange value may, or may not, afterwards depend on this fact. If other people have plenty of soft ground to plant in, they will take no cognizance of our two hours' labor in the price they will offer for the plant on the rock. And if, through want of sufficient botanical science, we have planted an upas-tree instead of an apple, the exchange value will be a negative quantity; still less proportionate to the labor expended.

What is commonly called cheapness of labor, signifies, therefore, in reality, that many obstacles have to be overcome by it; so that much labor is required to produce a small result. But this should never be spoken of as cheapness of labor, but as dearness of the object wrought for. It would be just as rational to say that walking was cheap,

(or quittance-taker) of death"; a person versed in the highest branches of arithmetic, and punctual in her habits; with whom accounts current have been opened also in modern days. [Ruskin.]

because we had ten miles to walk home to our dinner, as that labor was cheap, because we had to work ten hours to earn it.

72. The last word which we have to define is "Production."

I have hitherto spoken of all labor as profitable; because it is impossible to consider under one head the quality or value of labor, and its aim. But labor of the best quality may be various in aim. It may be either constructive ("gathering," from con and struo), as agriculture; nugatory, as jewel-cutting; or destructive ("scattering," from de and struo), as war. It is not, however, always easy to prove labor, apparently nugatory, to be actually so;[1] generally, the formula holds good: "he that gathereth not, scattereth";[2] thus, the jeweler's art is probably very harmful in its ministering to a clumsy and inelegant pride. So that, finally, I believe nearly all labor may be shortly divided into positive and negative labor: positive, that which produces life; negative, that which produces death; the most directly negative labor being murder, and the most directly positive, the bearing and rearing of children: so that in the precise degree in which murder is hateful, on the negative side of idleness, in that exact degree child-rearing is admirable, on the positive side of idleness. For which

[1] The most accurately nugatory labor is, perhaps, that of which not enough is given to answer a purpose effectually, and which, therefore, has all to be done over again. Also, labor which fails of effect through non-co-operation. The curé of a little village near Bellinzona, to whom I had expressed wonder that the peasants allowed the Ticino to flood their fields, told me that they would not join to build an effectual embankment high up the valley, because everybody said "that would help his neighbors as much as himself." So every proprietor built a bit of low embankment about his own field; and the Ticino, as soon as it had a mind, swept away and swallowed all up together. [Ruskin.]

[2] Matt. xii, 30.

reason, and because of the honor that there is in rearing[1] children, while the wife is said to be as the vine (for cheering), the children are as the olive branch, for praise:[2] nor for praise only, but for peace (because large families can only be reared in times of peace): though since, in their spreading and voyaging in various directions, they distribute strength, they are, to the home strength, as arrows in the hand of the giant—striking here and there far away.[3]

Labor being thus various in its result, the prosperity of any nation is in exact proportion to the quantity of labor which it spends in obtaining and employing means of life. Observe,—I say, obtaining and employing; that is to say, not merely wisely producing, but wisely distributing and consuming. Economists usually speak as if there were no good in consumption absolute.[4] So far from this being so, consumption absolute is the end, crown, and perfection of production; and wise consumption is a far more difficult art than wise production. Twenty people can gain money for one who can use it; and the vital question, for individual and for nation, is, never "how much do they make?" but "to what purpose do they spend?"

[1] Observe, I say, "rearing," not "begetting." The praise is in the seventh season, not in σπορητός, nor in φυταλία, but in ὀπώρα. It is strange that men always praise enthusiastically any person who, by a momentary exertion, saves a life; but praise very hesitatingly a person who, by exertion and self-denial prolonged through years, creates one. We give the crown "ob civem servatum";—why not "ob civem natum"? Born, I mean, to the full, in soul as well as body. England has oak enough, I think, for both chaplets. [Ruskin.]

The reference is to the seven seasons as given by Galen: σπορητός is seed-time; φυταλία, planting time; ὀπώρα, dog-days, the season when fruits are ripe.

[2] Psalms cxxviii, 3.

[3] Psalms cxxvii, 4.

[4] When Mr. Mill speaks of productive consumption, he only means consumption which results in increase of capital or material wealth. See I. iii. 4, and I. iii. 5. [Ruskin.]

73. The reader may, perhaps, have been surprised at the slight reference I have hitherto made to "capital," and its functions. It is here the place to define them.

Capital signifies "head, or source, or root material"—it is material by which some derivative or secondary good is produced. It is only capital proper (caput vivum, not caput mortuum) when it is thus producing something different from itself. It is a root, which does not enter into vital function till it produces something else than a root: namely, fruit. That fruit will in time again produce roots; and so all living capital issues in reproduction of capital; but capital which produces nothing but capital is only root producing root; bulb issuing in bulb, never in tulip; seed issuing in seed, never in bread. The Political Economy of Europe has hitherto devoted itself wholly to the multiplication, or (less even) the aggregation, of bulbs. It never saw, nor conceived, such a thing as a tulip. Nay, boiled bulbs they might have been—glass bulbs—Prince Rupert's drops,[1] consummated in powder (well, if it were glass-powder and not gunpowder), for any end or meaning the economists had in defining the laws of aggregation. We will try and get a clearer notion of them.

The best and simplest general type of capital is a well-made plowshare. Now, if that plowshare did nothing but beget other plowshares, in a polypous manner,—however the great cluster of polypous plow might glitter in the sun, it would have lost its function of capital. It becomes true capital only by another kind of splendor,—when it is seen "splendescere sulco,"[2] to grow bright in the furrow; rather with diminution of its substance, than addition, by the noble

[1] Glass bubbles so constructed as to explode if the end of the tail attached to each was broken off: first brought to England by Prince Rupert in the seventeenth century.

[2] Virgil, *Georgics*, I, 46.

friction. And the true home question, to every capitalist and to every nation, is not, "how many plows have you?" but, "where are your furrows?" not—"how quickly will this capital reproduce itself?"—but, "what will it do during reproduction?" What substance will it furnish, good for life? what work construct, protective of life? if none, its own reproduction is useless—if worse than none,—(for capital may destroy life as well as support it), its own reproduction is worse than useless; it is merely an advance from Tisiphone, on mortgage—not a profit by any means.

. . . . . .

75. This being the real nature of capital, it follows that there are two kinds of true production, always going on in an active State: one of seed, and one of food; or production for the Ground, and for the Mouth; both of which are by covetous persons thought to be production only for the granary; whereas the function of the granary is but intermediate and conservative, fulfilled in distribution; else it ends in nothing but mildew, and nourishment of rats and worms. And since production for the Ground is only useful with future hope of harvest, all *essential* production is for the Mouth; and is finally measured by the mouth; hence, as I said above, consumption is the crown of production; and the wealth of a nation is only to be estimated by what it consumes.

The want of any clear sight of this fact is the capital error, issuing in rich interest and revenue of error among the political economists. Their minds are continually set on money-gain, not on mouth-gain; and they fall into every sort of net and snare, dazzled by the coin-glitter as birds by the fowler's glass; or rather (for there is not much else like birds in them) they are like children trying to jump on the heads of their own shadows; the money-gain being only the shadow of the true gain, which is humanity.

76. The final object of political economy, therefore, is to get good method of consumption, and great quantity of consumption: in other words, to use everything, and to use it nobly; whether it be substance, service, or service perfecting substance. The most curious error in Mr. Mill's entire work, (provided for him originally by Ricardo,) is his endeavor to distinguish between direct and indirect service, and consequent assertion that a demand for commodities is not demand for labor (I. v. 9, *et seq.*). He distinguishes between laborers employed to lay out pleasure grounds, and to manufacture velvet; declaring that it makes material difference to the laboring classes in which of these two ways a capitalist spends his money; because the employment of the gardeners is a demand for labor, but the purchase of velvet is not.[1] Error colossal, as well as strange. It will, indeed, make a difference to the laborer whether we bid him swing his scythe in the spring winds, or drive the loom in pestilential air; but, so far as his pocket is concerned, it makes to him absolutely no difference whether we order

[1] The value of raw material, which has, indeed, to be deducted from the price of the labor, is not contemplated in the passages referred to, Mr. Mill having fallen into the mistake solely by pursuing the collateral results of the payment of wages to middlemen. He says—"The consumer does not, with his own funds, pay the weaver for his day's work." Pardon me: the consumer of the velvet pays the weaver with his own funds as much as he pays the gardener. He pays, probably, an intermediate ship-owner, velvet merchant, and shopman; pays carriage money, shop rent, damage money, time money, and care money; all these are above and beside the velvet price, (just as the wages of a head gardener would be above the grass price); but the velvet is as much produced by the consumer's capital, though he does not pay for it till six months after production, as the grass is produced by his capital, though he does not pay the man who rolled and mowed it on Monday, till Saturday afternoon. I do not know if Mr. Mill's conclusion,—"the capital cannot be dispensed with, the purchasers can" (p. 98), has yet been reduced to practice in the city on any large scale. [Ruskin.]

him to make green velvet, with seed and a scythe, or red velvet, with silk and scissors. Neither does it anywise concern him whether, when the velvet is made, we consume it by walking on it, or wearing it, so long as our consumption of it is wholly selfish. But if our consumption is to be in anywise unselfish, not only our mode of consuming the articles we require interests him, but also the *kind* of article we require with a view to consumption. As thus (returning for a moment to Mr. Mill's great hardware theory[1]): it matters, so far as the laborer's immediate profit is concerned, not an iron filing whether I employ him in growing a peach, or forging a bombshell; but my probable mode of consumption of those articles matters seriously. Admit that it is to be in both cases "unselfish," and the difference, to him, is final, whether when his child is ill, I walk into his cottage and give it the peach, or drop the shell down his chimney, and blow his roof off.

The worst of it, for the peasant, is, that the capitalist's consumption of the peach is apt to be selfish, and of the shell, distributive;[2] but, in all cases, this is the broad and

[1] Which, observe, is the precise opposite of the one under examination. The hardware theory required us to discharge our gardeners and engage manufacturers; the velvet theory requires us to discharge our manufacturers and engage gardeners. [Ruskin.]

[2] It is one very awful form of the operation of wealth in Europe that it is entirely capitalists' wealth which supports unjust wars. Just wars do not need so much money to support them; for most of the men who wage such, wage them gratis; but for an unjust war, men's bodies and souls have both to be bought; and the best tools of war for them besides; which makes such war costly to the maximum; not to speak of the cost of base fear, and angry suspicion, between nations which have not grace nor honesty enough in all their multitudes to buy an hour's peace of mind with: as, at present, France and England, purchasing of each other ten millions sterling worth of consternation annually, (a remarkably light crop, half thorns and half aspen leaves,—sown, reaped, and granaried by the "science" of the modern political economist, teaching covetousness instead of truth). And all unjust war being

general fact, that on due catallactic commercial principles, *somebody's* roof must go off in fulfillment of the bomb's destiny. You may grow for your neighbor, at your liking, grapes or grape-shot; he will also, catallactically, grow grapes or grape-shot for you, and you will each reap what you have sown.

77. It is, therefore, the manner and issue of consumption which are the real tests of production. Production does not consist in things laboriously made, but in things serviceably consumable; and the question for the nation is not how much labor it employs, but how much life it produces. For as consumption is the end and aim of production, so life is the end and aim of consumption.

I left this question to the reader's thought two months ago,[1] choosing rather that he should work it out for himself than have it sharply stated to him. But now, the ground being sufficiently broken (and the details into which the several questions, here opened, must lead us, being too complex for discussion in the pages of a periodical, so that I must pursue them elsewhere), I desire, in closing the series of introductory papers, to leave this one great fact clearly stated. THERE IS NO WEALTH BUT LIFE. Life, including all its powers of love, of joy, and of admiration. That country is the richest which nourishes the greatest number of noble and happy human beings; that man is richest who, having perfected the functions of his own life to the utmost, has also the widest helpful influence, both per-

supportable, if not by pillage of the enemy, only by loans from capitalists, these loans are repaid by subsequent taxation of the people, who appear to have no will in the matter, the capitalists' will being the primary root of the war; but its real root is the covetousness of the whole nation, rendering it incapable of faith, frankness, or justice, and bringing about, therefore, in due time, his own separate loss and punishment to each person. [Ruskin.]

[1] See above, sects. 40-1.

sonal, and by means of his possessions, over the lives of others.

A strange political economy; the only one, nevertheless, that ever was or can be: all political economy founded on self-interest[1] being but the fulfillment of that which once brought schism into the Policy of angels, and ruin into the Economy of Heaven.[2]

78. "The greatest number of human beings noble and happy." But is the nobleness consistent with the number? Yes, not only consistent with it, but essential to it. The maximum of life can only be reached by the maximum of virtue. In this respect the law of human population differs wholly from that of animal life. The multiplication of animals is checked only by want of food, and by the hostility of races; the population of the gnat is restrained by the hunger of the swallow, and that of the swallow by the scarcity of gnats. Man, considered as an animal, is indeed limited by the same laws: hunger, or plague, or war, are the necessary and only restraints upon his increase,—effectual restraints hitherto,—his principal study having been how most swiftly to destroy himself, or ravage his dwelling-places, and his highest skill directed to give range to the famine, seed to the plague, and sway to the sword. But, considered as other than an animal, his increase is not limited by these laws. It is limited only by the limits of his courage and his love. Both of these *have* their bounds; and ought to have; his race has its bounds also; but these have not yet been reached, nor will be reached for ages.

79. In all the ranges of human thought I know none so melancholy as the speculations of political economists

[1] "In all reasoning about prices, the proviso must be understood, 'supposing all parties to take care of their own interest.'"—Mill, III. i. 5. [Ruskin.]

[2] 2 Peter ii, 3-4.

on the population question. It is proposed to better the condition of the laborer by giving him higher wages. "Nay," says the economist,—"if you raise his wages, he will either people down to the same point of misery at which you found him, or drink your wages away." He will. I know it. Who gave him this will? Suppose it were your own son of whom you spoke, declaring to me that you dared not take him into your firm, nor even give him his just laborer's wages, because if you did he would die of drunkenness, and leave half a score of children to the parish. "Who gave your son these dispositions?"—I should inquire. Has he them by inheritance or by education? By one or other they *must* come; and as in him, so also in the poor. Either these poor are of a race essentially different from ours, and unredeemable (which, however often implied, I have heard none yet openly say), or else by such care as we have ourselves received, we may make them continent and sober as ourselves—wise and dispassionate as we are—models arduous of imitation. "But," it is answered, "they cannot receive education." Why not? That is precisely the point at issue. Charitable persons suppose the worst fault of the rich is to refuse the people meat; and the people cry for their meat, kept back by fraud, to the Lord of Multitudes.[1]

[1] James v. 4. Observe, in these statements I am not taking up, nor countenancing one whit, the common socialist idea of division of property: division of property is its destruction; and with it the destruction of all hope, all industry, and all justice: it is simply chaos—a chaos towards which the believers in modern political economy are fast tending, and from which I am striving to save them. The rich man does not keep back meat from the poor by retaining his riches; but by basely using them. Riches are a form of strength; and a strong man does not injure others by keeping his strength, but by using it injuriously. The socialist, seeing a strong man oppress a weak one, cries out—"Break the strong man's arms;" but I say, "Teach him to use them to better purpose." The fortitude and intelligence which acquire riches are

Alas! it is not meat of which the refusal is cruelest, or to which the claim is validest. The life is more than the meat.[1] The rich not only refuse food to the poor; they refuse wisdom; they refuse virtue; they refuse salvation. Ye sheep without shepherd,[2] it is not the pasture that has been shut from you, but the Presence. Meat! perhaps your right to that may be pleadable; but other rights have to be pleaded first. Claim your crumbs from the table if you will; but claim them as children, not as dogs; claim your right to be fed, but claim more loudly your right to be holy, perfect, and pure.

Strange words to be used of working people! "What! holy; without any long robes or anointing oils; these rough-jacketed, rough-worded persons; set to nameless, dishonored service? Perfect!—these, with dim eyes and cramped limbs, and slowly wakening minds? Pure!—these, with sensual desire and groveling thought; foul of body and coarse of soul?" It may be so; nevertheless, such as they are, they are the holiest, perfectest, purest persons the earth can at present show. They may be what you have

intended, by the Giver of both, not to scatter, nor to give away, but to employ those riches in the service of mankind; in other words, in the redemption of the erring and aid of the weak—that is to say, there is first to be the work to gain money; then the Sabbath of use for it—the Sabbath, whose law is, not to lose life, but to save. It is continually the fault or the folly of the poor that they are poor, as it is usually a child's fault if it falls into a pond, and a cripple's weakness that slips at a crossing; nevertheless, most passers-by would pull the child out, or help up the cripple. Put it at the worst, that all the poor of the world are but disobedient children, or careless cripples, and that all rich people are wise and strong, and you will see at once that neither is the socialist right in desiring to make everybody poor, powerless, and foolish as he is himself, nor the rich man right in leaving the children in the mire. [Ruskin.]

[1] Matt. vi, 25.

[2] Matt. ix, 36.

said; but if so, they yet are holier than we who have left them thus.

But what can be done for them? Who can clothe—who teach—who restrain their multitudes? What end can there be for them at last, but to consume one another?

I hope for another end, though not, indeed, from any of the three remedies for over-population commonly suggested by economists.

80. These three are, in brief—Colonization; Bringing in of waste lands; or Discouragement of Marriage.

The first and second of these expedients merely evade or delay the question. It will, indeed, be long before the world has been all colonized, and its deserts all brought under cultivation. But the radical question is, not how much habitable land is in the world, but how many human beings ought to be maintained on a given space of habitable land.

Observe, I say, *ought* to be, not how many *can* be. Ricardo, with his usual inaccuracy, defines what he calls the "natural rate of wages" as "that which will maintain the laborer."[1] Maintain him! yes; but how?—the question was instantly thus asked of me by a working girl, to whom I read the passage. I will amplify her question for her. "Maintain him, how?" As, first, to what length of life? Out of a given number of fed persons, how many are to be old—how many young? that is to say, will you arrange their maintenance so as to kill them early—say at thirty or thirty-five on the average, including deaths of weakly or ill-fed children?—or so as to enable them to live out a natural life? You will feed a greater number, in the first case,[2] by rapidity of succession; probably a happier number in the second: which does Mr. Ricardo mean to be their natural

[1] Ricardo, *Principles of Political Economy*, ch. v, "On Wages."

[2] The quantity of life is the same in both cases; but it is differently allotted. [Ruskin.]

state, and to which state belongs the natural rate of wages?

Again: A piece of land which will only support ten idle, ignorant, and improvident persons, will support thirty or forty intelligent and industrious ones. Which of these is their natural state, and to which of them belongs the natural rate of wages?

Again: If a piece of land support forty persons in industrious ignorance; and if, tired of this ignorance, they set apart ten of their number to study the properties of cones, and the sizes of stars; the labor of these ten being withdrawn from the ground, must either tend to the increase of food in some transitional manner, or the persons set apart for sidereal and conic purposes must starve, or some one else starve instead of them. What is, therefore, the natural rate of wages of the scientific persons, and how does this rate relate to, or measure, their reverted or transitional productiveness?

Again: If the ground maintains, at first, forty laborers in a peaceable and pious state of mind, but they become in a few years so quarrelsome and impious that they have to set apart five, to meditate upon and settle their disputes;—ten, armed to the teeth with costly instruments, to enforce the decision; and five to remind everybody in an eloquent manner of the existence of a God;—what will be the result upon the general power of production, and what is the "natural rate of wages" of the meditative, muscular, and oracular laborers?

81. Leaving these questions to be discussed, or waived, at their pleasure, by Mr. Ricardo's followers, I proceed to state the main facts bearing on that probable future of the laboring classes which has been partially glanced at by Mr. Mill. That chapter and the preceding one differ from the common writing of political economists in admitting

some value in the aspect of nature, and expressing regret at the probability of the destruction of natural scenery.[1] But we may spare our anxieties on this head. Men can neither drink steam, nor eat stone. The maximum of population on a given space of land implies also the relative maximum of edible vegetable, whether for men or cattle; it implies a maximum of pure air, and of pure water. Therefore: a maximum of wood, to transmute the air, and of sloping ground, protected by herbage from the extreme heat of the sun, to feed the streams. All England may, if it so chooses, become one manufacturing town; and Englishmen, sacrificing themselves to the good of general humanity, may live diminished lives in the midst of noise, of darkness, and of deadly exhalation. But the world cannot become a factory nor a mine. No amount of ingenuity will ever make iron digestible by the million, nor substitute hydrogen for wine. Neither the avarice nor the rage of men will ever feed them; and however the apple of Sodom and the grape of Gomorrah may spread their table for a time with dainties of ashes, and nectar of asps,—so long as men live by bread, the far away valleys must laugh as they are covered with the gold of God, and the shouts of His happy multitudes ring round the winepress and the well.

82. Nor need our more sentimental economists fear the too wide spread of the formalities of a mechanical agriculture. The presence of a wise population implies the search for felicity as well as for food; nor can any population reach its maximum but through that wisdom which "rejoices" in the habitable parts of the earth.[2] The desert has its appointed place and work; the eternal engine, whose beam is the earth's axle, whose beat is its year, and whose breath is its ocean, will still divide imperiously to their

[1] Mill, *Principles of Political Economy*, Bk. IV, chs. vi and vii.
[2] Prov. viii, 31.

desert kingdoms bound with unfurrowable rock, and swept by unarrested sand, their powers of frost and fire: but the zones and lands between, habitable, will be loveliest in habitation. The desire of the heart is also the light of the eyes.[1] No scene is continually and untiringly loved, but one rich by joyful human labor; smooth in field; fair in garden; full in orchard; trim, sweet, and frequent in homestead; ringing with voices of vivid existence. No air is sweet that is silent; it is only sweet when full of low currents of under sound—triplets of birds, and murmur and chirp of insects, and deep-toned words of men, and wayward trebles of childhood. As the art of life is learned, it will be found at last that all lovely things are also necessary;—the wild flower by the wayside, as well as the tended corn; and the wild birds and creatures of the forest, as well as the tended cattle; because man doth not live by bread only, but also by the desert manna; by every wondrous word and unknowable work of God.[2] Happy, in that he knew them not, nor did his fathers know; and that round about him reaches yet into the infinite, the amazement of his existence.

83. Note, finally, that all effectual advancement towards this true felicity of the human race must be by individual, not public effort. Certain general measures may aid, certain revised laws guide, such advancement; but the measure and law which have first to be determined are those of each man's home. We continually hear it recommended by sagacious people to complaining neighbors (usually less well placed in the world than themselves), that they should "remain content in the station in which Providence has placed them." There are perhaps some circumstances of life in which Providence has no intention that people *should*

[1] Prov. xv, 30.
[2] Deut. viii, 3, and Matt. iv, 4.

be content. Nevertheless, the maxim is on the whole a good one; but it is peculiarly for home use. That your neighbor should, or should not, remain content with *his* position, is not your business; but it is very much your business to remain content with your own. What is chiefly needed in England at the present day is to show the quantity of pleasure that may be obtained by a consistent, well-administered competence, modest, confessed, and laborious. We need examples of people who, leaving Heaven to decide whether they are to rise in the world, decide for themselves that they will be happy in it, and have resolved to seek—not greater wealth, but simpler pleasure; not higher fortune, but deeper felicity; making the first of possessions, self-possession; and honoring themselves in the harmless pride and calm pursuits of peace.

Of which lowly peace it is written that "justice and peace have kissed each other"; and that the fruit of justice is "sown in peace of them that make peace";[1] not "peace-makers" in the common understanding—reconcilers of quarrels; (though that function also follows on the greater one;) but peace-Creators; Givers of Calm. Which you cannot give, unless you first gain; nor is this gain one which will follow assuredly on any course of business, commonly so called. No form of gain is less probable, business being (as is shown in the language of all nations—*πωλεῖν* from *πέλω*, *πρᾶσις* from *περάω*, venire, vendre, and venal, from venio, etc.) essentially restless—and probably contentious;—having a raven-like mind to the motion to and fro, as to the carrion food; whereas the olive-feeding and bearing birds look for rest for their feet;[2] thus it is said of Wisdom that she "hath builded her house, and hewn out her seven pillars";[3] and even when, though apt to wait long at the

[1] Psalms lxxxv, 10, and James iii, 18.
[2] Gen. viii, 9.
[3] Prov. ix, 1.

doorposts, she has to leave her house and go abroad, her paths are peace also.[1]

84. For us, at all events, her work must begin at the entry of the doors: all true economy is "Law of the house." Strive to make that law strict, simple, generous: waste nothing, and grudge nothing. Care in nowise to make more of money, but care to make much of it; remembering always the great, palpable, inevitable fact—the rule and root of all economy—that what one person has, another cannot have; and that every atom of substance, of whatever kind, used or consumed, is so much human life spent; which, if it issue in the saving present life, or gaining more, is well spent, but if not is either so much life prevented, or so much slain. In all buying, consider, first, what condition of existence you cause in the producers of what you buy; secondly, whether the sum you have paid is just to the producer, and in due proportion, lodged in his hands;[2] thirdly, to how much clear use, for food, knowledge, or joy, this that you have bought can be put; and fourthly, to whom and in what way it can be most speedily and serviceably distributed; in all dealings whatsoever insisting on entire openness and stern fulfillment; and in all doings, on perfection and loveliness of accomplishment; especially on fineness and purity of all marketable commodity: watching at the same time for all ways of gaining, or teaching, powers of simple pleasure; and

[1] Prov. iii, 17.

[2] The proper offices of middlemen, namely, overseers (or authoritative workmen), conveyancers (merchants, sailors, retail dealers, etc.), and order-takers (persons employed to receive directions from the consumer), must, of course, be examined before I can enter farther into the question of just payment of the first producer. But I have not spoken of them in these introductory papers, because the evils attendant on the abuse of such intermediate functions result not from any alleged principle of modern political economy, but from private carelessness or iniquity. [Ruskin.]

of showing "ὅσον ἐν ἀσφοδέλῳ μέγ' ὄνειαρ" [1]—the sum of enjoyment depending not on the quantity of things tasted, but on the vivacity and patience of taste.[2]

85. And if, on due and honest thought over these things, it seems that the kind of existence to which men are now summoned by every plea of pity and claim of right, may, for some time at least, not be a luxurious one;—consider whether, even supposing it guiltless, luxury would be desired by any of us, if we saw clearly at our sides the suffering which accompanies it in the world. Luxury is indeed possible in the future—innocent and exquisite; luxury for all, and by the help of all; but luxury at present can only be enjoyed by the ignorant; the cruelest man living could not sit at his feast, unless he sat blindfold. Raise the veil

[1] "How much blessedness there is in asphodel," *i.e.*, a simple diet.—Hesiod, *Works and Days*, 40-1.

[2] Ruskin makes a somewhat clearer statement of the idea advanced in the preceding paragraphs in *Time and Tide*, Letter II, "Contentment," § 7: "The healthy sense of progress, which is necessary to the strength and happiness of men, does not consist in the anxiety of a struggle to attain higher place, or rank, but in gradually perfecting the manner, and accomplishing the ends, of the life which we have chosen, or which circumstances have determined for us. Thus, I think the object of a workman's ambition should not be to become a master; but to attain daily more subtle and exemplary skill in his own craft, to save from his wages enough to enrich and complete his home gradually with more delicate and substantial comforts; and to lay by such store as shall be sufficient for the happy maintenance of his old age (rendering him independent of the help provided for the sick and indigent by the arrangement presupposed), and sufficient also for the starting of his children in a rank of life equal to his own. If his wages are not enough to enable him to do this, they are unjustly low; if they are once raised to this adequate standard, I do not think that by the possible increase of his gains under contingencies of trade, or by divisions of profits with his master, he should be enticed into feverish hope of an entire change of condition; and as an almost necessary consequence, pass his days in an anxious discontent with immediate circumstances, and a comfortless scorn of his daily life, for which no subsequent success could indemnify him. And I am the

boldly; face the light; and if, as yet, the light of the eye can only be through tears, and the light of the body through sackcloth, go thou forth weeping, bearing precious seed, until the time come, and the kingdom, when Christ's gift of bread, and bequest of peace, shall be "Unto this last as unto thee";[1] and when, for earth's severed multitudes of the wicked and the weary, there shall be holier reconciliation than that of the narrow home, and calm economy, where the Wicked cease—not from trouble, but from troubling—and the Weary are at rest.[2]

more confident in this belief, because, even supposing a gradual rise in social rank possible for all well-conducted persons, my experience does not lead me to think the elevation itself, when attained, would be conducive to their happiness." He adds in the next section: "It is the merest insolence of selfishness to preach contentment to a laborer who gets thirty shillings a week, while we suppose an active and plotting covetousness to be meritorious in a man who has three thousand a year. In this, as in all other points of mental discipline, it is the duty of the upper classes to set an example to the lower: and to recommend and justify the restraint of the ambition of their inferiors, chiefly by severe and timely limitation of their own."

[1] Matt. xx, 14. (See title-page.)

[2] Job iii, 17.

CARLYLE

THE HERO AS POET

(From *Heroes and Hero-Worship*)

Bibliographical Note.—The lectures composing *Heroes and Hero-Worship* were delivered by Carlyle in London in 1840. They were printed in book form early in 1841.

QUESTIONS

1. Why does Carlyle think a great man could be all sorts of men? What place does he assign to natural aptitude?

2. What connection does Carlyle see between poet and prophet? What is the task which he considers both to be trying to do? What difference is there in their method of doing it?

3. How does Carlyle define poetry? What does he mean by "All deep things are song"? Why does he say that it is sincerity and depth of vision that make a man a poet? In what sense would he consider a poet divine?

4. What aspects of Dante's character impress Carlyle most? What characteristics of his style?

5. What is Carlyle's notion of the relation of the metrical form of poetry to the idea?

6. What is Carlyle's point about the question of allegory in the *Divine Comedy?*

7. Why does Carlyle think that Dante's poem will endure? What does he say about the "uses of Dante"?

8. What is the distinction which Carlyle makes between Dante's subject-matter and Shakespeare's? In what sense does he consider Shakespeare a product of the Catholicism of the Middle Ages?

9. What kind of greatness does Carlyle see manifested in the construction of Shakespeare's plays and in the portrayal of his characters? What, to Carlyle, is the most important poetic quality?

10. What is his idea of the relation of morality to intellect?

11. What does Carlyle mean by calling Shakespeare a part of nature?

12. What greatness does Carlyle see in Shakespeare's humor?

13. To what extent does Carlyle find Shakespeare revealed in his works? What sort of religion does Carlyle find in him? In what sense does he find Shakespeare divine?

14. What does Carlyle say about the uses and value of Shakespeare?

XXII

THE HERO AS POET. DANTE; SHAKESPEARE

(*Heroes and Hero-Worship*, III)

The Hero as Divinity, the Hero as Prophet, are productions of old ages; not to be repeated in the new. They presuppose a certain rudeness of conception, which the progress of mere scientific knowledge puts an end to. There needs to be, as it were, a world vacant, or almost vacant of scientific forms, if men in their loving wonder are to fancy their fellow-man either a god or one speaking with the voice of a god. Divinity and Prophet are past. We are now to see our Hero in the less ambitious, but also less questionable, character of Poet; a character which does not pass. The Poet is a heroic figure belonging to all ages; whom all ages possess, when once he is produced, whom the newest age as the oldest may produce;—and will produce, always when Nature pleases. Let Nature send a Hero-soul; in no age is it other than possible that he may be shaped into a Poet.

Hero, Prophet, Poet,—many different names, in different times and places, do we give to Great Men; according to varieties we note in them, according to the sphere in which they have displayed themselves! We might give many more names, on this same principle. I will remark again, however, as a fact not unimportant to be understood, that the different *sphere* constitutes the grand origin of such distinction; that the Hero can be Poet, Prophet, King, Priest or what you will, according to the kind of world he finds himself born into. I confess, I have no notion of a truly great

man that could not be *all* sorts of men. The Poet who could merely sit on a chair, and compose stanzas, would never make a stanza worth much. He could not sing the Heroic warrior, unless he himself were at least a Heroic warrior too. I fancy there is in him the Politician, the Thinker, Legislator, Philosopher;—in one or the other degree, he could have been, he is all these. So too I cannot understand how a Mirabeau,[1] with that great glowing heart, with the fire that was in it, with the bursting tears that were in it, could not have written verses, tragedies, poems, and touched all hearts in that way, had his course of life and education led him thitherward. The grand fundamental character is that of Great Man; that the man be great. Napoleon has words in him which are like Austerlitz Battles.[2] Louis Fourteenth's Marshals are a kind of poetical men withal; the things Turenne[3] says are full of sagacity and geniality, like sayings of Samuel Johnson. The great heart, the clear deep-seeing eye: there it lies; no man whatever, in what province soever, can prosper at all without these. Petrarch and Boccaccio[4] did diplomatic messages, it

[1] The Comte de Mirabeau (1749-91) was the greatest orator of the French Revolution. His private life was irregular, but Carlyle had nevertheless a great enthusiasm for him. Of his honesty and sincerity, Carlyle says (*French Revolution*, Vol. II, Bk. III, ch. vii): "The man did before all things see, with that clear flashing vision, into what *was* . . . and did with his wild heart follow that and no other."

[2] Austerlitz, fought December 2, 1805, against the Russians and Austrians, was one of Napoleon's most brilliant victories.

[3] Turenne (1611-75) was the greatest of the Marshals of France under Louis XIV. He was a brilliant soldier, wise rather than foolhardy, and simple and modest in personal character.

[4] Francesco Petrarch (1304-74), best known by his sonnets, and Giovanni Boccaccio (1313-75), best known as the author of the *Decameron*, were the first important figures in the Revival of Letters in Italy. In addition to his stories in Italian and his classical studies, Boccaccio lectured on Dante at Florence and wrote the first life of Dante.

seems, quite well: one can easily believe it; they had done things a little harder than these! Burns, a gifted song-writer, might have made a still better Mirabeau. Shakspeare,—one knows not what *he* could not have made, in the supreme degree.

True, there are aptitudes of Nature too. Nature does not make all great men, more than all other men, in the self-same mold. Varieties of aptitude doubtless; but infinitely more of circumstance; and far oftenest it is the *latter* only that are looked to. But it is as with common men in the learning of trades. You take any man, as yet a vague capability of a man, who could be any kind of craftsman; and make him into a smith, a carpenter, a mason: he is then and thenceforth that and nothing else. And if, as Addison complains, you sometimes see a street-porter staggering under his load on spindle-shanks, and near at hand a tailor with the frame of a Samson handling a bit of cloth and small Whitechapel needle,—it cannot be considered that aptitude of Nature alone has been consulted here either!—The Great Man also, to what shall he be bound apprentice? Given your Hero, is he to become Conqueror, King, Philosopher, Poet? It is an inexplicably complex controversial-calculation between the world and him! He will read the world and its laws; the world with its laws will be there to be read. What the world, on *this* matter, shall permit and bid is, as we said, the most important fact about the world.—

Poet and Prophet differ greatly in our loose modern notions of them. In some old languages, again, the titles are synonymous; *Vates* means both Prophet and Poet: and indeed at all times, Prophet and Poet, well understood, have much kindred of meaning. Fundamentally indeed they are still the same; in this most important

respect especially, That they have penetrated both of them into the sacred mystery of the Universe; what Goethe calls "the open secret."[1] "Which is the great secret?" asks one.—"The *open* secret,"—open to all, seen by almost none! That divine mystery, which lies everywhere in all Beings, "the Divine Idea of the World," that which lies at "the bottom of Appearance," as Fichte styles it; of which all Appearance, from the starry sky to the grass of the field, but especially the Appearance of Man and his work, is but the *vesture,* the embodiment that renders it visible.[2] This divine mystery *is* in all times and in all places; veritably is. In most times and places it is greatly overlooked; and the Universe, definable always in one or the other dialect, as the realized Thought of God, is considered a trivial, inert, commonplace matter,—as if, says the Satirist, it were a dead thing, which some upholsterer had put together! It could do no good, at present, to *speak* much about this; but it is a pity for every one of us if we do not know it, live ever in the knowledge of it. Really a most mournful pity;—a failure to live at all, if we live otherwise!

But now, I say, whoever may forget this divine mystery,

[1] *Wilhelm Meister's Travels* (Carlyle's translation), ch. xiii: "Now he united in his inmost perceptions with his new friend; and learned, susceptible as he was, to look at the Earth with that friend's eyes; and while Nature unfolded the open secret of her beauty, he could not but feel an irresistible attraction towards Art, as towards her most fit expositor."

[2] "The whole material world, with all its adaptations and ends, and in particular the life of man in this world, are by no means, in themselves and in deed and truth, that which they seem to be to the uncultivated and natural sense of man; but there is something higher, which lies concealed behind all natural appearance. This concealed foundation of all appearance may, in its greatest universality, be aptly named *the Divine Idea.*"—Fichte, *The Nature of the Scholar,* Lecture I. This quotation from Fichte and Carlyle's sentences following it contain the central idea of *Sartor Resartus.* Compare especially *Sartor,* Bk. III, ch. viii.

the *Vates,* whether Prophet or Poet, has penetrated into it; is a man sent hither to make it more impressively known to us. That always is his message; he is to reveal that to us,—that sacred mystery which he more than others lives ever present with. While others forget it, he knows it;—I might say, he has been driven to know it; without consent asked of *him,* he finds himself living in it, bound to live in it. Once more, here is no Hearsay, but a direct Insight and Belief; this man too could not help being a sincere man! Whosoever may live in the shows of things, it is for him a necessity of nature to live in the very fact of things. A man once more, in earnest with the Universe, though all others were but toying with it. He is a *Vates,* first of all, in virtue of being sincere. So far Poet and Prophet, participators in the "open secret," are one.

With respect to their distinction again: The *Vates* Prophet, we might say, has seized that sacred mystery rather on the moral side, as Good and Evil, Duty and Prohibition; the *Vates* Poet on what the Germans call the æsthetic side, as Beautiful, and the like. The one we may call a revealer of what we are to do, the other of what we are to love. But indeed these two provinces run into one another, and cannot be disjoined. The Prophet too has his eye on what we are to love: how else shall he know what it is we are to do? The highest Voice ever heard on this earth said withal, "Consider the lilies of the field; they toil not, neither do they spin: yet Solomon in all his glory was not arrayed like one of these."[1] A glance, that, into the deepest deep of Beauty. "The lilies of the field,"—dressed finer than earthly princes, springing-up there in the humble furrow-field; a beautiful *eye* looking-out on you, from the great inner Sea of Beauty! How could the rude Earth make these, if her Essence,

[1] Matt. vi, 28-9.

rugged as she looks and is, were not inwardly Beauty? In this point of view, too, a saying of Goethe's, which has staggered several, may have meaning: "The Beautiful," he intimates, "is higher than the Good; the Beautiful includes in it the Good."[1] The *true* Beautiful; which however, I have said somewhere, "differs from the *false* as Heaven does from Vauxhall!"[2] So much for the distinction and identity of Poet and Prophet.—

In ancient and also in modern periods we find a few Poets who are accounted perfect; whom it were a kind of treason to find fault with. This is noteworthy; this is right: yet in strictness it is only an illusion. At bottom, clearly enough, there is no perfect Poet! A vein of Poetry exists in the hearts of all men; no man is made altogether of Poetry. We are all poets when we *read* a poem well. The "imagination that shudders at the Hell of Dante,"[3] is not that the same faculty, weaker in degree, as Dante's own? No one but Shakespeare can embody, out of *Saxo Grammaticus*,[4] the story of *Hamlet* as Shakespeare did: but every one models some kind of story out of it; every one embodies it better or worse. We need not spend time in defining. Where there is no specific difference, as between round and square, all definition must be more or less arbitrary. A man that has *so* much more of the poetic element developed in him as to have become noticeable, will be called

[1] Goethe "intimates" this in *Wilhelm Meister's Travels*, ch. vii (Carlyle's translation): "Of the Beautiful men are seldom capable; oftener of the Good."

[2] Carlyle said it first in his essay on Diderot, Centenary Edition, xxviii, 240. Vauxhall was a famous place of amusement in London from the middle of the seventeenth century till the middle of the nineteenth.

[3] Carlyle is quoting his own essay on Burns, Centenary Edition, xxvi, 278.

[4] A Danish historian and poet of the twelfth century whose *Historia Danica* contains the earliest version of the story of *Hamlet*.

Poet by his neighbors. World-Poets too, those whom we are to take for perfect Poets, are settled by critics in the same way. One who rises *so* far above the general level of Poets will, to such and such critics, seem a Universal Poet; as he ought to do. And yet it is, and must be, an arbitrary distinction. All Poets, all men, have some touches of the Universal; no man is wholly made of that. Most Poets are very soon forgotten: but not the noblest Shakspeare or Homer of them can be remembered *forever;*—a day comes when he too is not!

Nevertheless, you will say, there must be a difference between true Poetry and true Speech not Poetical: what is the difference? On this point many things have been written, especially by late German Critics, some of which are not very intelligible at first. They say, for example, that the Poet has an *infinitude* in him; communicates an *Unendlichkeit,* a certain character of "infinitude," to whatsoever he delineates. This, though not very precise, yet on so vague a matter is worth remembering: if well meditated, some meaning will gradually be found in it. For my own part, I find considerable meaning in the old vulgar distinction of Poetry being *metrical,* having music in it, being a Song. Truly, if pressed to give a definition, one might say this as soon as anything else: If your delineation be authentically *musical,* musical not in word only, but in heart and substance, in all the thoughts and utterances of it, in the whole conception of it, then it will be poetical; if not, not.—Musical: how much lies in that! A *musical* thought is one spoken by a mind that has penetrated into the inmost heart of the thing; detected the inmost mystery of it, namely the *melody* that lies hidden in it; the inward harmony of coherence which is its soul, whereby it exists, and has a right to be, here in this world. All inmost things, we may say, are melodious; naturally utter themselves in Song. The mean-

ing of Song goes deep. Who is there that, in logical words, can express the effect music has on us? A kind of inarticulate unfathomable speech, which leads us to the edge of the Infinite, and lets us for moments gaze into that!

Nay all speech, even the commonest speech, has something of song in it: not a parish in the world but has its parish-accent;—the rhythm or *tune* to which the people there *sing* what they have to say! Accent is a kind of chanting; all men have accent of their own,—though they only *notice* that of others. Observe too how all passionate language does of itself become musical,—with a finer music than the mere accent; the speech of a man even in zealous anger becomes a chant, a song. All deep things are Song. It seems somehow the very central essence of us, Song; as if all the rest were but wrappages and hulls! The primal element of us; of us, and of all things. The Greeks fabled of Sphere-Harmonies: it was the feeling they had of the inner structure of Nature; that the soul of all her voices and utterances was perfect music. Poetry, therefore, we will call *musical Thought*. The Poet is he who *thinks* in that manner. At bottom, it turns still on power of intellect; it is a man's sincerity and depth of vision that makes him a Poet. See deep enough, and you see musically; the heart of Nature *being* everywhere music, if you can only reach it.

The *Vates* Poet, with his melodious Apocalypse of Nature,[1] seems to hold a poor rank among us, in comparison with the *Vates* Prophet; his function, and our esteem of him for his function, alike slight. The Hero taken as Divinity; the Hero taken as Prophet; then next the Hero taken only as Poet: does it not look as if our estimate of the Great Man, epoch after epoch, were continually diminishing? We take him first for a god, then for one god-inspired; and now in the next stage of it, his most miraculous word gains from

[1] Compare Wordsworth's "Simplon Pass."

us only the recognition that he is a Poet, beautiful verse-maker, man of genius, or suchlike!—It looks so; but I persuade myself that intrinsically it is not so. If we consider well, it will perhaps appear that in man still there is the *same* altogether peculiar admiration for the Heroic Gift, by what name soever called, that there at any time was.

I should say, if we do not now reckon a Great Man literally divine, it is that our notions of God, of the supreme unattainable Fountain of Splendor, Wisdom and Heroism, are ever rising *higher;* not altogether that our reverence for these qualities, as manifested in our like, is getting lower. This is worth taking thought of. Skeptical Dilettantism, the curse of these ages,[1] a curse which will not last forever, does indeed in this the highest province of human things, as in all provinces, make sad work; and our reverence for great men, all crippled, blinded, paralytic as it is, comes out in poor plight, hardly recognizable. Men worship the shows of great men; the most disbelieve that there is any reality of great men to worship. The dreariest, fatalest faith; believing which, one would literally despair of human things. Nevertheless look, for example, at Napoleon! A Corsican lieutenant of artillery; that is the show of *him:* yet is he not obeyed, *worshiped* after his sort, as all the Tiaraed and Diademed of the world put together could not be? High Duchesses, and ostlers of inns, gather round the Scottish rustic, Burns;—a strange feeling dwelling in each that they never heard a man like this; that, on the whole, this is the man! In the secret heart of these people it still dimly reveals itself, though there is no accredited way of uttering it at present, that this rustic, with his black brows and flashing sun-eyes, and strange words moving laughter and tears, is of a dignity far beyond all others, incommensurable

[1] Compare *Past and Present,* Bk. III, ch. iii, "The Gospel of Dilettantism."

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with all others. Do not we feel it so? But now, were Dilettantism, Skepticism, Triviality, and all that sorrowful brood, cast-out of us,—as, by God's blessing, they shall one day be; were faith in the shows of things entirely swept-out, replaced by clear faith in the *things,* so that a man acted on the impulse of that only, and counted the other non-extant; what a new livelier feeling towards this Burns were it!

Nay here in these ages, such as they are, have we not two mere Poets, if not deified, yet we may say beatified? Shakspeare and Dante are Saints of Poetry; really, if we will think of it, *canonized,* so that it is impiety to meddle with them. The unguided instinct of the world, working across all these perverse impediments, has arrived at such result. Dante and Shakspeare are a peculiar Two. They dwell apart, in a kind of royal solitude; none equal, none second to them: in the general feeling of the world, a certain transcendentalism, a glory as of complete perfection, invests these two. They *are* canonized, though no Pope or Cardinals took hand in doing it! Such, in spite of every perverting influence, in the most unheroic times, is still our indestructible reverence for heroism.—We will look a little at these Two, the Poet Dante and the Poet Shakspeare: what little it is permitted us to say here of the Hero as Poet will most fitly arrange itself in that fashion.

Many volumes have been written by way of commentary on Dante and his Book; yet, on the whole, with no great result. His Biography is, as it were, irrecoverably lost for us. An unimportant, wandering, sorrowstricken man, not much note was taken of him while he lived; and the most of that has vanished, in the long space that now intervenes. It is five centuries since he ceased writing and living here. After all commentaries, the Book itself is mainly what we

know of him. The Book;—and one might add that Portrait commonly attributed to Giotto,[1] which, looking on it, you cannot help inclining to think genuine, whoever did it. To me it is a most touching face; perhaps of all faces that I know, the most so. Lonely there, painted as on vacancy, with the simple laurel wound round it; the deathless sorrow and pain, the known victory which is also deathless;—significant of the whole history of Dante! I think it is the mournfulest face that ever was painted from reality; an altogether tragic, heart-affecting face. There is in it, as foundation of it, the softness, tenderness, gentle affection as of a child; but all this is as if congealed into sharp contradiction, into abnegation, isolation, proud hopeless pain. A soft ethereal soul looking-out so stern, implacable, grim-trenchant, as from imprisonment of thick-ribbed ice! Withal it is a silent pain too, a silent scornful one: the lip is curled in a kind of godlike disdain of the thing that is eating-out his heart,—as if it were withal a mean insignificant thing, as if he whom it had power to torture and strangle were greater than it. The face of one wholly in protest, and life-long unsurrendering battle, against the world. Affection all converted into indignation: an implacable indignation; slow, equable, silent, like that of a god! The eye too, it looks-out as in a kind of *surprise,* a kind of inquiry, Why the world was of such a sort? This is Dante: so he looks, this "voice of ten silent centuries," and sings us "his mystic unfathomable song."[2]

[1] This description does not fit the portrait of Dante attributed to Giotto (or by many authorities to Taddeo Gaddi), which was discovered in Florence between the time of the delivery of this lecture and its preparation for the press; it is not clear what picture of Dante Carlyle refers to.

[2] A quotation from Tieck's opinion of Novalis, cited by Carlyle in his essay on Novalis: "he, alone among the moderns, resembles the lofty Dante; and sings us, like him, an unfathomable mystic song."—(Centenary Edition, XXVII, 53.) See pp. 417 and 418 below.

The little that we know of Dante's Life corresponds well enough with this Portrait and this Book. He was born at Florence, in the upper class of society, in the year 1265. His education was the best then going; much school-divinity, Aristotelean logic, some Latin classics,—no inconsiderable insight into certain provinces of things: and Dante, with his earnest intelligent nature, we need not doubt, learned better than most all that was learnable. He has a clear cultivated understanding, and of great subtlety; this best fruit of education he had contrived to realize from these scholastics. He knows accurately and well what lies close to him; but, in such a time, without printed books or free intercourse, he could not know well what was distant: the small clear light, most luminous for what is near, breaks itself into singular *chiaroscuro* striking on what is far off. This was Dante's learning from the schools. In life, he had gone through the usual destinies; been twice out campaigning as a soldier for the Florentine State, been on embassy; had in his thirty-fifth year, by natural gradation of talent and service, become one of the Chief Magistrates of Florence. He had met in boyhood a certain Beatrice Portinari, a beautiful little girl of his own age and rank, and grown-up thenceforth in partial sight of her, in some distant intercourse with her. All readers know his graceful affecting account of this;[1] and then of their being parted; of her being wedded to another, and of her death soon after. She makes a great figure in Dante's Poem; seems to have made a great figure in his life. Of all beings it might seem as if she, held apart from him, far apart at last in the dim Eternity, were the only one he had ever with his whole strength of affection loved. She died: Dante himself was wedded; but it seems not happily, far from happily. I fancy, the rigorous earnest man, with his keen excitabilities, was not altogether easy to make happy.

[1] *The New Life* (*La Vita Nuova*). See Rossetti's translation.

We will not complain of Dante's miseries: had all gone right with him as he wished it, he might have been Prior,[1] Podestà, or whatsoever they call it, of Florence, well accepted among neighbors,—and the world had wanted one of the most notable words ever spoken or sung. Florence would have had another prosperous Lord Mayor; and the ten dumb centuries continued voiceless, and the ten other listening centuries (for there will be ten of them and more) had no *Divina Commedia* to hear! We will complain of nothing. A nobler destiny was appointed for this Dante; and he, struggling like a man led towards death and crucifixion, could not help fulfilling it. Give *him* the choice of his happiness! He knew not, more than we do, what was really happy, what was really miserable.

In Dante's Priorship, the Guelf-Ghibelline, Bianchi-Neri,[2] or some other confused disturbances rose to such a height, that Dante, whose party had seemed the stronger, was with his friends cast unexpectedly forth into banishment; doomed thenceforth to a life of woe and wandering. His property was all confiscated and more; he had the fiercest feeling that it was entirely unjust, nefarious in the sight of God and man. He tried what was in him to get reinstated; tried even by warlike surprisal, with arms in his hand: but it would not do; bad only had become worse. There is a record, I believe, still extant in the Florence Archives, dooming this Dante, wheresoever caught, to be

[1] He was Prior in 1300 (see next paragraph) but not Podestà.

[2] Guelfs and Ghibellines were rival parties in Italy and Germany from the twelfth century to the fifteenth. "Broadly speaking the Welfs [Guelfs] were papalist, the Wibelins [Ghibellines] imperialist; the Wibelins were the party who desired a strong government; the Welfs the party who preferred particularism; the Wibelins would bring in the German; the Welfs would cry Italy for the Italians."—Herbert Fisher: *Medieval Empire*, I, 331. Bianchi and Neri (Whites and Blacks) were parties dividing the Guelfs of Tuscany in the fourteenth century.

burnt alive. Burnt alive; so it stands, they say: a very curious civic document. Another curious document, some considerable number of years later, is a Letter of Dante's to the Florentine Magistrates, written in answer to a milder proposal of theirs, that he should return on condition of apologizing and paying a fine. He answers, with fixed stern pride: "If I cannot return without calling myself guilty, I will never return, *nunquam revertar.*"

For Dante there was now no home in this world. He wandered from patron to patron, from place to place; proving, in his own bitter words, "How hard is the path, *Come è duro calle.*"[1] The wretched are not cheerful company. Dante, poor and banished, with his proud earnest nature, with his moody humors, was not a man to conciliate men. Petrarch reports of him that being at Can della Scala's court, and blamed one day for his gloom and taciturnity, he answered in no courtier-like way. Della Scala stood among his courtiers, with mimes and buffoons (*nebulones ac histriones*) making him heartily merry; when turning to Dante, he said: "Is it not strange, now, that this poor fool should make himself so entertaining; while you, a wise man, sit there day after day, and have nothing to amuse us with at all?" Dante answered bitterly: "No, not strange; your Highness is to recollect the Proverb, *Like to Like;*"—given the amuser, the amusee must also be given! Such a man, with his proud silent ways, with his sarcasms and sorrows, was not made to succeed at court. By degrees, it came to be evident to him that he had no longer any resting-place, or hope of benefit, in this earth. The earthly world had

[1] "Thou shalt make proof how the bread of others savors of salt, and how hard a path is the descending and mounting of another's stairs."—*Paradise*, xvii, 58-60. This quotation and those following are from Norton's translation.

cast him forth, to wander, wander; no living heart to love him now; for his sore miseries there was no solace here.

The deeper naturally would the Eternal World impress itself on him; that awful reality over which, after all, this Time-world, with its Florences and banishments, only flutters as an unreal shadow. Florence thou shalt never see: but Hell and Purgatory and Heaven thou shalt surely see! What is Florence, Can della Scala, and the World and Life altogether? ETERNITY: thither, of a truth, not elsewhither, art thou and all things bound! The great soul of Dante, homeless on earth, made its home more and more in that awful other world. Naturally his thoughts brooded on that, as on the one fact important for him. Bodied or bodiless, it is the one fact important for all men:—but to Dante, in that age, it was bodied in fixed certainty of scientific shape; he no more doubted of that *Malebolge* Pool,[1] that it all lay there with its gloomy circles, with its *alti guai*,[2] and that he himself should see it, than we doubt that we should see Constantinople if we went thither. Dante's heart, long filled with this, brooding over it in speechless thought and awe, bursts forth at length into "mystic unfathomable song"; and this his *Divine Comedy*, the most remarkable of all modern Books, is the result.

It must have been a great solacement to Dante, and was, as we can see, a proud thought for him at times, That he, here in exile, could do this work; that no Florence, nor no man or men, could hinder him from doing it, or even much help him in doing it. He knew too, partly, that it was great; the greatest a man could do. "If thou follow thy star, *Se tu segui tua stella*,"—so could the Hero, in his forsakenness, in his extreme need, still say to himself: "Follow thou

[1] *Hell*, xviii, 1 ff.
[2] "Deep wailings," *Hell*, iii, 22.

thy star, thou shalt not fail of a glorious haven!" [1] The labor of writing, we find, and indeed could know otherwise, was great and painful for him; he says, This Book, "which has made me lean for many years." [2] Ah yes, it was won, all of it, with pain and sore toil,—not in sport, but in grim earnest. His Book, as indeed most good Books are, has been written, in many senses, with his heart's blood. It is his whole history, this Book. He died after finishing it; not yet very old, at the age of fifty-six;—broken-hearted rather, as is said. He lies buried in his death-city Ravenna: *Hic claudor Dantes patriis extorris ab oris.*[3] The Florentines begged back his body, in a century after; the Ravenna people would not give it. "Here am I Dante laid, shut-out from my native shores."

I said, Dante's Poem was a Song: it is Tieck who calls it "a mystic unfathomable Song"; and such is literally the character of it. Coleridge remarks very pertinently somewhere, that wherever you find a sentence musically worded, of true rhythm and melody in the words, there is something deep and good in the meaning too. For body and soul, word and idea, go strangely together here as everywhere. Song: we said before, it was the Heroic of Speech! All *old* Poems, Homer's and the rest, are authentically Songs. I would say, in strictness, that all right Poems are; that whatsoever is not *sung* is properly no Poem, but a piece of Prose cramped into jingling lines,—to the great injury of the grammar, to the great grief of the reader, for most part! What we want to get at is the *thought* the man had, if he had any: why should he twist it into jingle, if he *could* speak it out plainly?

[1] From Brunetto Latini's speech to Dante, *Hell*, xv, 55 ff. "If thou follow thy star, thou canst not miss the glorious port, if, in the fair life, I discerned aright."

[2] *Paradise*, opening of Canto xxv.

[3] Part of the epitaph Dante composed for himself; it is carved on his tomb at Ravenna.

It is only when the heart of him is rapt into true passion of melody, and the very tones of him, according to Coleridge's remark, become musical by the greatness, depth and music of his thoughts, that we can give him right to rhyme and sing; that we call him a Poet, and listen to him as the Heroic of Speakers,—whose speech *is* Song. Pretenders to this are many; and to an earnest reader, I doubt, it is for most part a very melancholy, not to say an insupportable business, that of reading rhyme! Rhyme that had no inward necessity to be rhymed;—it ought to have told us plainly, without any jingle, what it was aiming at. I would advise all men who *can* speak their thought, not to sing it; to understand that, in a serious time, among serious men, there is no vocation in them for singing it. Precisely as we love the true song, and are charmed by it as by something divine, so shall we hate the false song, and account it a mere wooden noise, a thing hollow, superfluous, altogether an insincere and offensive thing.

I give Dante my highest praise when I say of his *Divine Comedy* that it is, in all senses, genuinely a Song. In the very sound of it there is a *canto fermo;*[1] it proceeds as by a chant. The language, his simple *terza rima,*[2] doubtless helped him in this. One reads along naturally with a sort of *lilt.* But I add, that it could not be otherwise; for the essence and material of the work are themselves rhythmic. Its depth, and rapt passion and sincerity, makes it musical;—go *deep* enough, there is music everywhere. A true inward symmetry, what one calls an architectural harmony, reigns in it, proportionates it all: architectural; which also partakes of the character of music. The three kingdoms, *In-*

[1] "Fixed melody," which does not change whatever the variations of the harmony.

[2] A measure in three-line stanzas with the rhyme scheme a b a, b c b, c d c, etc.

ferno, Purgatorio, Paradiso, look-out on one another like compartments of a great edifice; a great supernatural world-cathedral, piled-up there, stern, solemn, awful; Dante's World of Souls! It is, at bottom, the *sincerest* of all Poems; sincerity, here too, we find to be the measure of worth. It came deep out of the author's heart of hearts; and it goes deep, and through long generations, into ours. The people of Verona, when they saw him on the streets, used to say, "*Eccovi l' uom ch' è stato all' Inferno,* See, there is the man that was in Hell!" Ah yes, he had been in Hell;—in Hell enough, in long severe sorrow and struggle; as the like of him is pretty sure to have been. Commedias that come-out *divine* are not accomplished otherwise. Thought, true labor of any kind, highest virtue itself, is it not the daughter of Pain? Born as out of the black whirlwind;—true *effort,* in fact, as of a captive struggling to free himself: that is Thought. In all ways we are "to become perfect through suffering."[1]—But, as I say, no work known to me is so elaborated as this of Dante's. It has all been as if molten, in the hottest furnace of his soul. It had made him "lean" for many years. Not the general whole only; every compartment of it is worked-out, with intense earnestness, into truth, into clear visuality. Each answers to the other; each fits in its place, like a marble stone accurately hewn and polished. It is the soul of Dante, and in this the soul of the middle ages, rendered forever rhythmically visible there. No light task; a right intense one: but a task which is *done.*

Perhaps one would say, *intensity,* with the much that depends on it, is the prevailing character of Dante's genius. Dante does not come before us as a large catholic mind; rather as a narrow, and even sectarian mind: it is partly the fruit of his age and position, but partly too

[1] Heb. ii, 10.

of his own nature. His greatness has, in all senses, concentered itself into fiery emphasis and depth. He is world-great not because he is world-wide, but because he is world-deep. Through all objects he pierces as it were down into the heart of Being. I know nothing so intense as Dante. Consider, for example, to begin with the outermost development of his intensity, consider how he paints. He has a great power of vision; seizes the very type of a thing; presents that and nothing more. You remember that first view he gets of the Hall of Dite:[1] *red* pinnacle, redhot cone of iron glowing through the dim immensity of gloom;—so vivid, so distinct, visible at once and forever! It is as an emblem of the whole genius of Dante. There is a brevity, an abrupt precision in him: Tacitus[2] is not briefer, more condensed; and then in Dante it seems a natural condensation, spontaneous to the man. One smiting word; and then there is silence, nothing more said. His silence is more eloquent than words. It is strange with what a sharp decisive grace he snatches the true likeness of a matter: cuts into the matter as with a pen of fire. Plutus, the blustering giant, collapses at Virgil's rebuke; it is "as the sails sink, the mast being suddenly broken."[3] Or that poor Brunetto Latini, with the *cotto aspetto,* "face *baked,*" parched brown and lean; and the "fiery snow" that falls on them there, a "fiery snow without wind," slow, deliberate, never-ending![4] Or the lids of those Tombs; square sarcophaguses, in that silent dim-burning Hall, each with its Soul in torment; the lids laid open there; they are to be shut at the Day of Judgment, through Eternity. And how Farinata rises; and how Cavalcante falls—at hearing of

[1] *Hell,* viii, 70-3.

[2] Tacitus (c. 55-120) was a Latin historian: his style is remarkable for its energy and conciseness.

[3] *Hell,* vii, 13-15.

[4] *Hell,* xv, 26-30, and xiv, 28-30.

his Son, and the past tense "*fue*"![1] The very movements in Dante have something brief; swift, decisive, almost military. It is of the inmost essence of his genius this sort of painting. The fiery, swift Italian nature of the man, so silent, passionate, with its quick abrupt movements, its silent "pale rages," speaks itself in these things.

For though this of painting is one of the outermost developments of a man, it comes like all else from the essential faculty of him; it is physiognomical of the whole man. Find a man whose words paint you a likeness, you have found a man worth something; mark his manner of doing it, as very characteristic of him. In the first place, he could not have discerned the object at all, or seen the vital type of it, unless he had, what we may call, *sympathized* with it,—had sympathy in him to bestow on objects. He must have been *sincere* about it too; sincere and sympathetic: a man without worth cannot give you the likeness of any object; he dwells in vague outwardness, fallacy and trivial hearsay, about all objects. And indeed may we not say that intellect altogether expresses itself in this power of discerning what an object is? Whatsoever of faculty a man's mind may have will come out here. Is it even of business, a matter to be done? The gifted man is he who *sees* the essential point, and leaves all the rest aside as surplusage: it is his faculty too, the man of business's faculty, that he discern the true *likeness*, not the false superficial one, of the thing he has got to work in. And how much of *morality* is in the kind of insight we get of anything; "the eye seeing in all things what it brought with it the faculty of seeing!" To the mean eye all things are trivial, as certainly as to the jaundiced they are yellow. Raphael, the Painters tell us, is the best of all Portrait-painters withal. No most gifted eye can

[1] *Hell*, Cantos ix and x. Dante's word is not "fue" (was) but "ebbe" (had); however, the point is the same.

exhaust the significance of any object. In the commonest human face there lies more than Raphael will take-away with him.

Dante's painting is not graphic only, brief, true, and of a vividness as of fire in dark night; taken on the wider scale, it is everyway noble, and the outcome of a great soul. Francesca and her Lover, what qualities in that! A thing woven as out of rainbows, on a ground of eternal black. A small flute-voice of infinite wail speaks there, into our very heart of hearts. A touch of womanhood in it too: *della bella persona, che mi fu tolta;* and how, even in the Pit of woe, it is a solace that *he* will never part from her! Saddest tragedy in these *alti guai.* And the racking winds, in that *aer bruno,* whirl them away again, to wail forever![1]—Strange to think: Dante was the friend of this poor Francesca's father; Francesca herself may have sat upon the Poet's knee, as a bright innocent little child. Infinite pity, yet also infinite rigor of law: it is so Nature is made; it is so Dante discerned that she was made. What a paltry notion is that of his *Divine Comedy's* being a poor splenetic impotent terrestrial libel; putting those into Hell whom he could not be avenged-upon on earth! I suppose if ever pity, tender as a mother's, was in the heart of any man, it was in Dante's. But a man who does not know rigor cannot pity either. His very pity will be cowardly, egoistic,—sentimentality, or little better. I know not in the world an affection equal to that of Dante. It is a tenderness, a trembling, longing, pitying love: like the wail of Æolian harps, soft, soft; like a child's young heart;—and then that stern, sore-saddened heart! These longings of his towards his Beatrice; their meeting together in the

[1] Dante's meeting with the souls of Paolo and Francesca is told in *Hell,* v, 80-end. The Italian phrases which Carlyle quotes mean: "the fair body that was taken from me," (*i.e.,* her own physical beauty), "deep wailings," and "dusky air."

Paradiso; his gazing in her pure transfigured eyes, her that had been purified by death so long, separated from him so far:—one likens it to the song of angels; it is among the purest utterances of affection, perhaps the very purest, that ever came out of a human soul.

For the *intense* Dante is intense in all things; he has got into the essence of all. His intellectual insight as painter, on occasion too as reasoner, is but the result of all other sorts of intensity. Morally great, above all, we must call him; it is the beginning of all. His scorn, his grief are as transcendent as his love;—as indeed, what are they but the *inverse* or *converse* of his love? *"A Dio spiacenti ed a' nemici sui,* Hateful to God and to the enemies of God:" lofty scorn, unappeasable silent reprobation and aversion; *"Non ragionam di lor,* We will not speak of *them*, look only and pass." Or think of this; "They have not the *hope* to die, *Non han speranza di morte."* [1] One day, it had risen sternly benign on the scathed heart of Dante, that he, wretched, never-resting, worn as he was, would full surely *die;* "that Destiny itself could not doom him not to die." [2] Such words are in this man. For rigor, earnestness and depth, he is not to be paralleled in the modern world; to seek his parallel we must go into the Hebrew Bible, and live with the antique Prophets there.

I do not agree with much modern criticism, in greatly preferring the *Inferno* to the two other parts of the Divine *Commedia.* Such preference belongs, I imagine, to our general Byronism of taste,[3] and is like to be a transient

[1] Three lines referring to those angels who when Lucifer rebelled "were not rebels, nor were faithful to God, but were for themselves." The passages occur in *Hell,* Canto iii.

[2] Carlyle is quoting Teufelsdröckh's words, *Sartor Resartus,* Bk. II, ch. vii, near the end.

[3] For further remarks by Carlyle on this subject, see *Past and Present,* Bk. III, ch. iv.

feeling. The *Purgatorio* and *Paradiso,* especially the former, one would almost say, is even more excellent than it. It is a noble thing that *Purgatorio,* "Mountain of Purification"; an emblem of the noblest conception of that age. If Sin is so fatal, and Hell is and must be so rigorous, awful, yet in Repentance too is man purified; Repentance is the grand Christian act. It is beautiful how Dante works it out. The *tremolar dell' onde,* that "trembling" of the ocean-waves, under the first pure gleam of morning, dawning afar on the wandering Two, is as the type of an altered mood.[1] Hope has now dawned; never-dying Hope, if in company still with heavy sorrow. The obscure sojourn of demons and reprobate is underfoot; a soft breathing of penitence mounts higher and higher, to the Throne of Mercy itself. "Pray for me," the denizens of that Mount of Pain all say to him. "Tell my Giovanna to pray for me," my daughter Giovanna; "I think her mother loves me no more!"[2] They toil painfully up by that winding steep, "bent-down like corbels of a building,"[3] some of them,—crushed-together so "for the sin of pride"; yet nevertheless in years, in ages and eons, they shall have reached the top, which is Heaven's gate, and by Mercy shall have been admitted in. The joy too of all, when one has prevailed; the whole Mountain shakes with joy, and a psalm of praise rises, when one soul has perfected repentance and got its sin and misery left behind![4] I call all this a noble embodiment of a true noble thought.

But indeed the Three compartments mutually support one another, are indispensable to one another. The *Paradiso,* a kind of inarticulate music to me, is the redeeming side of the

[1] *Purgatory,* i, 115-7.
[2] *Purgatory,* viii, 70 ff.
[3] *Purgatory,* x, 130-5.
[4] *Purgatory,* Cantos xx and xxi.

Inferno; the *Inferno* without it were untrue. All three make-up the true Unseen World, as figured in the Christianity of the Middle Ages; a thing forever memorable, forever true in the essence of it, to all men. It was perhaps delineated in no human soul with such depth of veracity as in this of Dante's; a man *sent* to sing it, to keep it long memorable. Very notable with what brief simplicity he passes out of the every-day reality, into the Invisible one; and in the second or third stanza, we find ourselves in the World of Spirits; and dwell there, as among things palpable, indubitable! To Dante they *were* so; the real world, as it is called, and its facts, was but the threshold to an infinitely higher Fact of a World. At bottom, the one was as *preter*natural as the other. Has not each man a soul? He will not only be a spirit, but is one. To the earnest Dante it is all one visible Fact; he believes it, sees it; is the Poet of it in virtue of that. Sincerity, I say again, is the saving merit, now as always.

Dante's Hell, Purgatory, Paradise, are a symbol withal, an emblematic representation of his Belief about this Universe:—some Critic in a future age, like those Scandinavian ones the other day, who has ceased altogether to think as Dante did, may find this too all an "Allegory," perhaps an idle Allegory! It is a sublime embodiment, or sublimest, of the soul of Christianity. It expresses, as in huge worldwide architectural emblems, how the Christian Dante felt Good and Evil to be the two polar elements of this Creation, on which it all turns; that these two differ not by *preferability* of one to the other, but by incompatibility absolute and infinite;[1] that the one is excellent and high as light and Heaven, the other hideous, black as Gehenna and the Pit of Hell! Everlasting Justice, yet with Penitence, with ever-

[1] One of Carlyle's many such shafts directed against the Utilitarianism of his day, which placed the motive for righteousness in its preferability as a means to happiness. Compare p. 429, below.

lasting Pity,—all Christianism, as Dante and the Middle Ages had it, is emblemed here. Emblemed: and yet, as I urged the other day,[1] with what entire truth of purpose; how unconscious of any emblemingl Hell, Purgatory, Paradise: these things were not fashioned as emblems; was there, in our Modern European Mind, any thought at all of their being emblems! Were they not indubitable awful facts; the whole heart of man taking them for practically true, all Nature everywhere confirming them? So is it always in these things. Men do not believe an Allegory. The future Critic, whatever his new thought may be, who considers this of Dante to have been all got-up as an Allegory, will commit one sore mistake!—Paganism we recognized as a veracious expression of the earnest awe-struck feeling of man towards the Universe; veracious, true once, and still not without worth for us. But mark here the difference of Paganism and Christianism; one great difference. Paganism emblemed chiefly the Operations of Nature; the destinies, efforts, combinations, vicissitudes of things and men in this world; Christianism emblemed the Law of Human Duty, the Moral Law of Man. One was for the sensuous nature: a rude helpless utterance of the *first* Thought of men,—the chief recognized virtue, Courage, Superiority to Fear. The other was not for the sensuous nature, but for the moral. What a progress is here, if in that one respect only!—

And so in this Dante, as we said, had ten silent centuries, in a very strange way, found a voice. The *Divina Commedia* is of Dante's writing; yet in truth *it* belongs to ten Christian centuries, only the finishing of it is Dante's. So always. The craftsman there, the smith with that metal of his,

[1] In the early part of the first lecture in *Heroes and Hero-Worship*, "The Hero as Divinity."

with these tools, with these cunning methods,—how little of all he does is properly *his* work! All past inventive men work there with him;—as indeed with all of us, in all things. Dante is the spokesman of the Middle Ages; the Thought they lived by stands here, in everlasting music. These sublime ideas of his, terrible and beautiful, are the fruit of the Christian Meditation of all the good men who had gone before him. Precious they; but also is not he precious? Much, had not he spoken, would have been dumb; not dead, yet living voiceless.

On the whole, is it not an utterance, this mystic Song, at once of one of the greatest human souls, and of the highest thing that Europe had hitherto realized for itself? Christianism, as Dante sings it, is another than Paganism in the rude Norse mind; another than "Bastard Christianism"[1] half-articulately spoken in the Arab Desert seven-hundred years before!—The noblest *idea* made *real* hitherto among men, is sung, and emblemed-forth abidingly, by one of the noblest men. In the one sense and in the other, are we not right glad to possess it? As I calculate, it may last yet for long thousands of years. For the thing that is uttered from the inmost parts of a man's soul, differs altogether from what is uttered by the outer part. The outer is of the day, under the empire of mode; the outer passes away, in swift endless changes; the inmost is the same yesterday, today and forever. True souls, in all generations of the world, who look on this Dante, will find a brotherhood in him; the deep sincerity of his thoughts, his woes and hopes, will speak likewise to their sincerity; they will feel that this Dante too was a brother. Napoleon in Saint-Helena is charmed with the genial veracity of old Homer. The oldest Hebrew Prophet, under a vesture the most

[1] This is what Carlyle calls the religion of Mahomet in the lecture on "The Hero as Prophet."

diverse from ours, does yet, because he speaks from the heart of man, speak to all men's hearts. It is the one sole secret of continuing long memorable. Dante, for depth of sincerity, is like an antique Prophet too; his words, like theirs, come from his very heart. One need not wonder if it were predicted that his Poem might be the most enduring thing our Europe has yet made; for nothing so endures as a truly spoken word. All cathedrals, pontificalities, brass and stone, and outer arrangement never so lasting, are brief in comparison to an unfathomable heart-song like this: one feels as if it might survive, still of importance to men, when these had all sunk into new irrecognizable combinations, and had ceased individually to be. Europe has made much; great cities, great empires, encyclopedias, creeds, bodies of opinion and practice: but it has made little of the class of Dante's Thought. Homer yet *is,* veritably present face to face with every open soul of us; and Greece, where is *it?* Desolate for thousands of years; away, vanished; a bewildered heap of stones and rubbish, the life and existence of it all gone. Like a dream; like the dust of King Agamemnon! Greece was; Greece, except in the *words* it spoke, is not.

The uses of this Dante? We will not say much about his "uses." A human soul who has once got into that primal element of *Song,* and sung-forth fitly somewhat therefrom, has worked in the *depths* of our existence; feeding through long times the life-*roots* of all excellent human things whatsoever,—in a way that "utilities" will not succeed well in calculating! We will not estimate the Sun by the quantity of gas-light it saves us; Dante shall be invaluable, or of no value. One remark I may make: the contrast in this respect between the Hero-Poet and the Hero-Prophet. In a hundred years, Mahomet, as we saw,[1] had

[1] At the end of the second lecture in *Heroes and Hero-Worship,* "The Hero as Prophet."

his Arabians at Granada and at Delhi; Dante's Italians seem to be yet very much where they were. Shall we say, then, Dante's effect on the world was small in comparison? Not so: his arena is far more restricted; but also it is far nobler, clearer;—perhaps not less but more important. Mahomet speaks to great masses of men, in the coarse dialect adapted to such; a dialect filled with inconsistencies, crudities, follies: on the great masses alone can he act, and there with good and with evil strangely blended. Dante speaks to the noble, the pure and great, in all times and places. Neither does he grow obsolete, as the other does. Dante burns as a pure star, fixed there in the firmament, at which the great and the high of all ages kindle themselves: he is the possession of all the chosen of the world for uncounted time. Dante, one calculates, may long survive Mahomet. In this way the balance may be made straight again.

But, at any rate, it is not by what is called their effect on the world by what *we* can judge of their effect there, that a man and his work are measured. Effect? Influence? Utility? Let a man *do* his work; the fruit of it is the care of Another than he. It will grow its own fruit; and whether embodied in Caliph Thrones and Arabian Conquests, so that it "fills all Morning and Evening Newspapers," and all Histories, which are a kind of distilled Newspapers; or not embodied so at all;—what matters that? That is not the real fruit of it! The Arabian Caliph, in so far only as he did something, was something. If the great Cause of Man, and Man's work in God's Earth, got no furtherance from the Arabian Caliph, then no matter how many scimetars he drew, how many gold piasters pocketed, and what uproar and blaring he made in this world,—*he* was but a loud-sounding inanity and futility; at bottom, he *was* not at all. Let us honor the great empire of *Silence*, once more! The boundless treasury which we do *not* jingle in our pockets, or

count up and present before men! It is perhaps, of all things, the usefulest for each of us to do, in these loud times.— —

As Dante, the Italian man, was sent into our world to embody musically the Religion of the Middle Ages, the Religion of our Modern Europe, its Inner Life; so Shakspeare, we may say, embodies for us the Outer Life of our Europe as developed then, its chivalries, courtesies, humors, ambitions, what practical way of thinking, acting, looking at the world, men then had. As in Homer we may still construe Old Greece; so in Shakspeare and Dante, after thousands of years, what our Modern Europe was, in Faith and in Practice, will still be legible. Dante has given us the Faith or soul; Shakspeare, in a not less noble way, has given us the Practice or body. This latter also we were to have; a man was sent for it, the man Shakspeare. Just when that chivalry way of life had reached its last finish, and was on the point of breaking down into slow or swift dissolution, as we now see it everywhere, this other sovereign Poet, with his seeing eye, with his perennial singing voice, was sent to take note of it, to give long-enduring record of it. Two fit men: Dante, deep, fierce as the central fire of the world; Shakspeare, wide, placid, far-seeing, as the Sun, the upper light of the world. Italy produced the one world-voice; we English had the honor of producing the other.

Curious enough how, as it were by mere accident, this man came to us. I think always, so great, quiet, complete and self-sufficing is this Shakspeare, had the Warwickshire Squire not prosecuted him for deer-stealing, we had perhaps never heard of him as a Poet! The woods and skies, the rustic Life of Man in Stratford there, had been enough for this man! But indeed that strange outbudding of our whole English Existence, which we call the Elizabethan Era, did

not it too come as of its own accord? The "Tree Igdrasil" buds and withers by its own laws,—too deep for our scanning. Yet it does bud and wither, and every bough and leaf of it is there, by fixed eternal laws; not a Sir Thomas Lucy but comes at the hour fit for him. Curious, I say, and not sufficiently considered: how everything does coöperate with all; not a leaf rotting on the highway but is indissoluble portion of solar and stellar systems; no thought, word or act of man but has sprung withal out of all men, and works sooner or later, recognizably or irrecognizably, on all men! It is all a Tree: circulation of sap and influences, mutual communication of every minutest leaf with the lowest talon of a root, with every other greatest and minutest portion of the whole. The Tree Igdrasil, that has its roots down in the Kingdoms of Hela and Death, and whose boughs overspread the highest Heaven!—[1]

In some sense it may be said that this glorious Elizabethan Era with its Shakspeare, as the outcome and flowerage of all which had preceded it, is itself attributable to the Catholicism of the Middle Ages. The Christian Faith, which was the theme of Dante's Song, had produced this Practical Life which Shakspeare was to sing. For Religion then, as it now and always is, was the soul of Practice; the primary vital fact in men's life. And remark here, as rather curious, that Middle-Age Catholicism was abolished, so far as Acts of Parliament could abolish it, before Shakspeare, the noblest product of it, made his appearance. He did make his appearance nevertheless. Nature at her own time, with Catholicism or what else might be necessary, sent him forth; taking small thought of Acts of Parliament. King-Henrys, Queen-Elizabeths go their way; and Nature too goes hers. Acts of Parliament, on the whole, are small, notwithstanding the noise they make. What Act of Parliament, debate

[1] See the first lecture in *Heroes and Hero-Worship.*

at St. Stephen's,[1] on the hustings or elsewhere, was it that brought this Shakspeare into being? No dining at Freemasons' Tavern,[2] opening subscription-lists, selling of shares, and infinite other jangling and true or false endeavoring! This Elizabethan Era, and all its nobleness and blessedness, came without proclamation, preparation of ours. Priceless Shakspeare was the free gift of Nature; given altogether silently;—received altogether silently, as if it had been a thing of little account. And yet, very literally, it is a priceless thing. One should look at that side of matters too.

Of this Shakspeare of ours, perhaps the opinion one sometimes hears a little idolatrously expressed is, in fact, the right one; I think the best judgment nôt of this country only, but of Europe at large, is slowly pointing to the conclusion, That Shakspeare is the chief of all Poets hitherto; the greatest intellect who, in our recorded world, has left record of himself in the way of Literature. On the whole, I know not such a power of vision, such a faculty of thought, if we take all the characters of it, in any other man. Such a calmness of depth; placid joyous strength; all things imaged in that great soul of his so true and clear, as in a tranquil unfathomable sea! It has been said, that in the constructing of Shakspeare's Dramas there is, apart from all other "faculties" as they are called, an understanding manifested, equal to that in Bacon's *Novum Organum*.[3] That is true; and it is not a truth that strikes every one. It would become more apparent if we tried, any of us for himself, how, out of Shakspeare's dramatic materials, *we* could fashion such a

[1] That is, in the House of Commons, from St. Stephen's chapel, once the meeting place.

[2] The London Library was founded at a dinner there, which Carlyle attended, shortly before the publication of *Heroes*.

[3] Carlyle quotes this statement also in his essay on Burns, Centenary Edition, xxvi, 278.

result! The built house seems all so fit,—everyway as it should be, as if it came there by its own law and the nature of things,—we forget the rude disorderly quarry it was shaped from. The very perfection of the house, as if Nature herself had made it, hides the builder's merit. Perfect, more perfect than any other man, we may call Shakspeare in this: he discerns, knows as by instinct, what condition he works under, what his materials are, what his own force and its relation to them is. It is not a transitory glance of insight that will suffice; it is deliberate illumination of the whole matter; it is a calmly *seeing* eye; a great intellect, in short. How a man, of some wide thing that he has witnessed, will construct a narrative, what kind of picture and delineation he will give of it,—is the best measure you could get of what intellect is in the man. Which circumstance is vital and shall stand prominent; which unessential, fit to be suppressed; where is the true *beginning*, the true sequence and ending? To find out this, you task the whole force of insight that is in the man. He must *understand* the thing; according to the depth of his understanding, will the fitness of his answer be. You will try him so. Does like join itself to like; does the spirit of method stir in that confusion, so that its embroilment becomes order? Can the man say, *Fiat lux*, Let there be light;[1] and out of chaos make a world? Precisely as there is *light* in himself, will he accomplish this.

Or indeed we may say again, it is in what I called Portrait-painting, delineating of men and things, especially of men, that Shakspeare is great. All the greatness of the man comes out decisively here. It is unexampled, I think, that calm creative perspicacity of Shakspeare. The thing he looks at reveals not this or that face of it, but its inmost heart, and generic secret: it dissolves itself as in light before him,

[1] Gen. i, 3.

so that he discerns the perfect structure of it. Creative, we said: poetic creation, what is this too but *seeing* the thing sufficiently? The *word* that will describe the thing, follows of itself from such clear intense sight of the thing. And is not Shakspeare's *morality,* his valor, candor, tolerance, truthfulness; his whole victorious strength and greatness, which can triumph over such obstructions, visible there too? Great as the world! No *twisted,* poor convex-concave mirror, reflecting all objects with its own convexities and concavities; a perfectly *level* mirror;—that is to say withal, if we will understand it, a man justly related to all things and men, a good man. It is truly a lordly spectacle how this great soul takes-in all kinds of men and objects, a Falstaff, an Othello, a Juliet, a Coriolanus; sets them all forth to us in their round completeness; loving, just, the equal brother of all. *Novum Organum,* and all the intellect you will find in Bacon, is of a quite secondary order; earthy, material, poor in comparison with this. Among modern men, one finds, in strictness, almost nothing of the same rank. Goethe alone, since the days of Shakspeare, reminds me of it. Of him too you say that he *saw* the object; you may say what he himself says of Shakspeare: "His characters are like watches with dial-plates of transparent crystal; they show you the hour like others, and the inward mechanism also is all visible." [1]

The seeing eye! It is this that discloses the inner harmony of things; what Nature meant, what musical idea Nature has wrapped-up in these often rough embodiments. Something she did mean. To the seeing eye that something were discernible. Are they base, miserable things? You can laugh over them, you can weep over them; you can in some way or other genially relate yourself to them;—you can, at lowest, hold your peace about them, turn away your own and

[1] *Wilhelm Meister's Apprenticeship,* Bk. III, ch. xi.

others' face from them, till the hour come for practically exterminating and extinguishing them! At bottom, it is the Poet's first gift, as it is all men's, that he have intellect enough. He will be a Poet if he have: a Poet in word; or failing that, perhaps still better, a Poet in act. Whether he write at all; and if so, whether in prose or in verse, will depend on accidents: who knows on what extremely trivial accidents,—perhaps on his having had a singing-master, on his being taught to sing in his boyhood! But the faculty which enables him to discern the inner heart of things, and the harmony that dwells there (for whatsoever exists has a harmony in the heart of it, or it would not hold together and exist), is not the result of habits or accidents, but the gift of Nature herself; the primary outfit for a Heroic Man in what sort soever. To the Poet, as to every other, we say first of all, *See*. If you cannot do that, it is of no use to keep stringing rhymes together, jingling sensibilities against each other, and *name* yourself a Poet; there is no hope for you. If you can, there is, in prose or verse, in action or speculation, all manner of hope. The crabbed old Schoolmaster used to ask, when they brought him a new pupil, "But are ye sure he's *not a dunce?*" Why, really one might ask the same thing, in regard to every man proposed for whatsoever function; and consider it as the one inquiry needful: Are ye sure he's not a dunce? There is, in this world, no other entirely fatal person.

For, in fact, I say the degree of vision that dwells in a man is a correct measure of the man. If called to define Shakspeare's faculty, I should say superiority of Intellect, and think I had included all under that. What indeed are faculties? We talk of faculties as if they were distinct, things separable; as if a man had intellect, imagination, fancy, etc., as he has hands, feet and arms. That is a

capital error. Then again, we hear of a man's "intellectual nature," and of his "moral nature," as if these again were divisible, and existed apart. Necessities of language do perhaps prescribe such forms of utterance; we must speak, I am aware, in that way, if we are to speak at all. But words ought not to harden into things for us. It seems to me, our apprehension of this matter is, for most part, radically falsified thereby. We ought to know withal, and to keep forever in mind, that these divisions are at bottom but *names;* that man's spiritual nature, the vital Force which dwells in him, is essentially one and indivisible; that what we call imagination, fancy, understanding, and so forth, are but different figures of the same Power of Insight, all indissolubly connected with each other, physiognomically related; that if we knew one of them, we might know all of them.[1] Morality itself, what we call the moral quality of a man, what is this but another *side* of the one vital Force whereby he is and works? All that a man does is physiognomical of him. You may see how a man would fight, by the way in which he sings; his courage, or want of courage, is visible in the word he utters, in the opinion he has formed, no less than in the stroke he strikes. He is *one;* and preaches the same Self abroad in all these ways.

Without hands a man might have feet, and could still walk: but, consider it,—without morality, intellect were impossible for him; a thoroughly immoral *man* could not know anything at all! To know a thing, what we can call knowing, a man must first *love* the thing, sympathize with it: that is, be *virtuously* related to it. If he have not the justice to put down his own selfishness at every turn, the courage to stand by the dangerous-true at every turn, how shall he know? His virtues, all of them, will lie recorded

[1] Cp. *College English*, ch. vi, pp. 54-6.

in his knowledge. Nature, with her truth, remains to the bad, to the selfish and the pusillanimous forever a sealed book: what such can know of Nature is mean, superficial, small; for the uses of the day merely.—But does not the very Fox know something of Nature? Exactly so: it knows where the geese lodge! The human Reynard, very frequent everywhere in the world, what more does he know but this and the like of this? Nay, it should be considered too, that if the Fox had not a certain vulpine *morality*, he could not even know where the geese were, or get at the geese! If he spent his time in splenetic atrabiliar reflections on his own misery, his ill usage by Nature, Fortune and other Foxes, and so forth; and had not courage, promptitude, practicality, and other suitable vulpine gifts and graces, he would catch no geese. We may say of the Fox too, that his morality and insight are of the same dimensions; different faces of the same internal unity of vulpine life!—These things are worth stating; for the contrary of them acts with manifold very baleful perversion, in this time: what limitations, modifications they require, your own candor will supply.

If I say, therefore, that Shakspeare is the greatest of Intellects, I have said all concerning him. But there is more in Shakspeare's intellect than we have yet seen. It is what I call an unconscious intellect; there is more virtue in it than he himself is aware of. Novalis beautifully remarks of him, that those Dramas of his are Products of Nature too, deep as Nature herself. I find a great truth in this saying. Shakspeare's Art is not Artifice; the noblest worth of it is not there by plan or precontrivance. It grows-up from the deeps of Nature, through this noble sincere soul, who is a voice of Nature. The latest generations of men will find new meanings in Shakspeare, new elucidations of their own human being; "new harmonies

with the infinite structure of the Universe; concurrences with later ideas, affinities with the higher powers and senses of man."[1] This well deserves meditating. It is Nature's highest reward to a true simple great soul, that he get thus to be *a part of herself*. Such a man's works, whatsoever he with utmost conscious exertion and forethought shall accomplish, grow up withal *un*consciously, from the unknown deeps in him;—as the oak-tree grows from the Earth's bosom, as the mountains and waters shape themselves; with a symmetry grounded on Nature's own laws, conformable to all Truth whatsoever. How much in Shakspeare lies hid; his sorrows, his silent struggles known to himself; much that was not known at all, not speakable at all: like *roots*, like sap and forces working underground! Speech is great; but Silence is greater.

Withal the joyful tranquillity of this man is notable. I will not blame Dante for his misery: it is as battle without victory; but true battle,—the first, indispensable thing. Yet I call Shakspeare greater than Dante, in that he fought truly, and did conquer. Doubt it not, he had his own sorrows: those *Sonnets* of his will even testify expressly in what deep waters he had waded, and swum struggling for his life;—as what man like him ever failed to have to do?

[1] For the passage from Novalis from which the whole of this paragraph so far is taken, see Carlyle's essay on Novalis, Centenary Edition, XXVII, p. 41. "When we speak of the aim and Art observable in Shakespeare's works, we must not forget that Art belongs to Nature; that it is, so to speak, self-viewing, self-imitating, self-fashioning Nature. The Art of a well-developed genius is far different from the Artfulness of the Understanding, of the merely reasoning mind. Shakespeare was no calculator, no learned thinker; he was a mighty, many-gifted soul, whose feelings and works, like products of Nature, bear the stamp of the same spirit; and in which the last and deepest of observers will still find new harmonies with the infinite structure of the Universe; concurrences with later ideas, affinities with the higher powers and senses of man."

It seems to me a heedless notion, our common one, that he sat like a bird on the bough; and sang forth, free and offhand, never knowing the troubles of other men. Not so; with no man is it so. How could a man travel forward from rustic deer-poaching to such tragedy-writing, and not fall-in with sorrows by the way? Or, still better, how could a man delineate a Hamlet, a Coriolanus, a Macbeth, so many suffering heroic hearts, if his own heroic heart had never suffered?—And now, in contrast with all this, observe his mirthfulness, his genuine overflowing love of laughter! You would say, in no point does he *exaggerate* but only in laughter. Fiery objurgations, words that pierce and burn, are to be found in Shakspeare; yet he is always in measure here; never what Johnson would remark as a specially "good hater." But his laughter seems to pour from him in floods; he heaps all manner of ridiculous nicknames on the butt he is bantering, tumbles and tosses him in all sorts of horse-play; you would say, with his whole heart laughs. And then, if not always the finest, it is always a genial laughter. Not at mere weakness, at misery or poverty; never. No man who *can* laugh, what we call laughing, will laugh at these things. It is some poor character only *desiring* to laugh, and have the credit of wit, that does so. Laughter means sympathy; good laughter is not "the crackling of thorns under the pot."[1] Even at stupidity and pretension this Shakspeare does not laugh otherwise than genially. Dogberry and Verges tickle our very hearts; and we dismiss them covered with explosions of laughter: but we like the poor fellows only the better for our laughing; and hope they will get on well there, and continue Presidents of the City-watch. Such laughter, like sunshine on the deep sea, is very beautiful to me.

[1] Eccle. vii. 6: "For as the crackling of thorns under a pot, so is the laughter of the fool."

We have no room to speak of Shakspeare's individual works; though perhaps there is much still waiting to be said on that head. Had we, for instance, all his plays reviewed as *Hamlet,* in *Wilhelm Meister,* is![1] A thing which might, one day, be done. August Wilhelm Schlegel has a remark on his Historical Plays, *Henry Fifth* and the others, which is worth remembering. He calls them a kind of National Epic.[2] Marlborough,[3] you recollect, said, he knew no English History but what he had learned from Shakspeare. There are really, if we look to it, few as memorable Histories. The great salient points are admirably seized; all rounds itself off, into a kind of rhythmic coherence; it is, as Schlegel says, *epic;*—as indeed all delineation by a great thinker will be. There are right beautiful things in those Pieces, which indeed together form one beautiful thing. That battle of Agincourt[4] strikes me as one of the most perfect things, in its sort, we anywhere have of Shakspeare's. The description of the two hosts: the worn-out, jaded English; the dread hour, big with destiny, when the battle shall begin; and then that deathless valor: "Ye good yeomen, whose limbs were made in England!" There is a noble Patriotism in it,—far other than the "indifference" you sometimes hear ascribed to Shakspeare. A true English heart breathes, calm and strong, through the whole business; not boisterous, protrusive; all the better for that. There is a sound in it like the ring of steel. This man too had a right stroke in him, had it come to that!

[1] *Wilhelm Meister's Apprenticeship,* Bk. IV, ch. iii, to Bk. V, ch. xii.

[2] Schlegel, *Lectures on Dramatic Art and Literature,* ch. xxvi, (Bohn translation, pp. 419 ff.).

[3] John Churchill, first Duke of Marlborough (1650-1722), the greatest general of his day.

[4] *Henry V,* Acts iii and iv.

But I will say, of Shakspeare's works generally, that we have no full impress of him there; even as full as we have of many men. His works are so many windows, through which we see a glimpse of the world that was in him. All his works seem, comparatively speaking, cursory, imperfect, written under cramping circumstances; giving only here and there a note of the full utterance of the man. Passages there are that come upon you like splendor out of Heaven; bursts of radiance, illuminating the very heart of the thing: you say, "That is *true*, spoken once and forever; wheresoever and whensoever there is an open human soul, that will be recognized as true!" Such bursts, however, make us feel that the surrounding matter is not radiant; that it is, in part, temporary, conventional. Alas, Shakspeare had to write for the Globe Playhouse: his great soul had to crush itself, as it could, into that and no other mold. It was with him, then, as it is with us all. No man works save under conditions. The sculptor cannot set his own free Thought before us; but his Thought as he could translate it into the stone that was given, with the tools that were given. *Disjecta membra* are all that we find of any Poet, or of any man.

Whoever looks intelligently at this Shakspeare may recognize that he too was a *Prophet*, in his way; of an insight analogous to the Prophetic, though he took it up in another strain. Nature seemed to this man also divine; *un*speakable, deep as Tophet, high as Heaven: "We are such stuff as Dreams are made of!" That scroll in Westminster Abbey, which few read with understanding, is of the depth of any seer.[1] But the man sang; did not preach, except

[1] The passage from the *Tempest*, IV, i, 152 ff., is inscribed on a scroll held in the left hand of Kent's statue of Shakspeare in Westminster Abbey.

musically. We called Dante the melodious Priest of Middle-Age Catholicism. May we not call Shakspeare the still more melodious Priest of a *true* Catholicism, the "Universal Church" of the Future and of all times? No narrow superstition, harsh asceticism, intolerance, fanatical fierceness or perversion: a Revelation, so far as it goes, that such a thousandfold hidden beauty and divineness dwells in all Nature; which let all men worship as they can! We may say without offense, that there rises a kind of universal Psalm out of this Shakspeare too; not unfit to make itself heard among the still more sacred Psalms. Not in disharmony with these, if we understood them, but in harmony!—I cannot call this Shakspeare a "Skeptic," as some do; his indifference to the creeds and theological quarrels of his time misleading them. No: neither unpatriotic, though he says little about his Patriotism; nor skeptic, though he says little about his Faith. Such "indifference" was the fruit of his greatness withal: his whole heart was in his own grand sphere of worship (we may call it such); these other controversies, vitally important to other men, were not vital to him.

But call it worship, call it what you will, is it not a right glorious thing, and set of things, this that Shakspeare has brought us? For myself, I feel that there is actually a kind of sacredness in the fact of such a man being sent into this Earth. Is he not an eye to us all; a blessed heaven-sent Bringer of Light?—And, at bottom, was it not perhaps far better that this Shakspeare, everyway an unconscious man, was *conscious* of no Heavenly message? He did not feel, like Mahomet, because he saw into those internal Splendors, that he specially was the "Prophet of God": and was he not greater than Mahomet in that? Greater; and also, if we compute strictly, as we did in Dante's case, more successful. It was intrinsically an error

that notion of Mahomet's, of his supreme Prophethood; and has come down to us inextricably involved in error to this day; dragging along with it such a coil of fables, impurities, intolerances, as makes it a questionable step for me here and now to say, as I have done, that Mahomet was a true Speaker at all, and not rather an ambitious charlatan, perversity and simulacrum; no Speaker, but a Babbler! Even in Arabia, as I compute, Mahomet will have exhausted himself and become obsolete, while this Shakspeare, this Dante may still be young;—while this Shakspeare may still pretend to be a Priest of Mankind, of Arabia as of other places, for unlimited periods to come!

Compared with any speaker or singer one knows, even with Æschylus or Homer, why should he not, for veracity and universality, last like them? He is *sincere* as they; reaches deep down like them, to the universal and perennial. But as for Mahomet, I think it had been better for him *not* to be so conscious! Alas, poor Mahomet; all that he was *conscious* of was a mere error; a futility and triviality, —as indeed such ever is. The truly great in him too was the unconscious: that he was a wild Arab lion of the desert, and did speak-out with that great thunder-voice of his, not by words which he *thought* to be great, but by actions, by feelings, by a history which *were* great! His Koran has become a stupid piece of prolix absurdity; we do not believe, like him, that God wrote that! The Great Man here too, as always, is a Force of Nature: whatsoever is truly great in him springs-up from the *in*articulate deeps.

Well: this is our poor Warwickshire Peasant, who rose to be Manager of a Playhouse, so that he could live without begging; whom the Earl of Southampton cast some kind glances on; whom Sir Thomas Lucy, many thanks to him, was for sending to the Treadmill! We did not account him

a god, like Odin, while he dwelt with us;—on which point there were much to be said. But I will say rather, or repeat: In spite of the sad state Hero-worship now lies in, consider what this Shakspeare has actually become among us. Which Englishman we ever made, in this land of ours, which million of Englishmen, would we not give-up rather than the Stratford Peasant? There is no regiment of highest Dignitaries that we would sell him for. He is the grandest thing we have yet done. For our honor among foreign nations, as an ornament to our English Household, what item is there that we would not surrender rather than him? Consider now, if they asked us, Will you give-up your Indian Empire or your Shakspeare, you English; never have had any Indian Empire, or never have had any Shakspeare? Really it were a grave question. Official persons would answer doubtless in official language; but we, for our part too, should not we be forced to answer: Indian Empire, or no Indian Empire; we cannot do without Shakspere! Indian Empire will go, at any rate, some day; but this Shakspeare does not go, he lasts forever with us; we cannot give-up our Shakspeare!

Nay, apart from spiritualities; and considering him merely as a real, marketable, tangibly-useful possession. England, before long, this Island of ours, will hold but a small fraction of the English: in America, in New Holland, east and west to the very Antipodes, there will be a Saxondom covering great spaces of the Globe. And now, what is it that can keep all these together into virtually one Nation, so that they do not fall-out and fight, but live at peace, in brotherlike intercourse, helping one another? This is justly regarded as the greatest practical problem, the thing all manner of sovereignties and governments are here to accomplish: what is it that will accomplish this? Acts of Parliament, administrative prime-ministers cannot.

America is parted from us, so far as Parliament could part it. Call it not fantastic, for there is much reality in it: Here, I say, is an English King, whom no time or chance, Parliament or combination of Parliaments, can dethrone! This King Shakspeare, does not he shine, in crowned sovereignty, over us all, as the noblest, gentlest, yet strongest of rallying-signs; *in*destructible; really more valuable in that point of view than any other means or appliance whatsoever? We can fancy him as radiant aloft over all the Nations of Englishmen, a thousand years hence. From Paramatta, from New York, wheresoever, under what sort of Parish-Constable soever, English men and women are, they will say to one another: "Yes, this Shakspeare is ours: we produced him, we speak and think by him; we are of one blood and kind with him." The most common-sense politician, too, if he pleases, may think of that.

Yes, truly, it is a great thing for a Nation that it get an articulate voice; that it produce a man who will speak-forth melodiously what the heart of it means! Italy, for example, poor Italy lies dismembered, scattered asunder, not appearing in any protocol or treaty as a unity at all; yet the noble Italy is actually *one:* Italy produced its Dante; Italy can speak! The Czar of all the Russias, he is strong, with so many bayonets, Cossacks, and cannons; and does a great feat in keeping such a tract of Earth politically together; but he cannot yet speak. Something great in him, but it is a dumb greatness. He has had no voice of genius, to be heard of all men and times. He must learn to speak. He is a great dumb monster hitherto. His cannons and Cossacks will all have rusted into nonentity, while that Dante's voice is still audible. The Nation that has a Dante is bound together as no dumb Russia can be.—We must here end what we had to say of the *Hero-Poet.*

ENGLISH AS HUMANE LETTERS

BY THE EDITOR

ENGLISH AS HUMANE LETTERS

The non-academic part of the world, which in spite of the growth of the state universities is still a large part, takes great delight in the notion of the college graduate, trained in the lore of history, the mysteries of science, and the graces of poetry, wearing out his shoe-leather in a vain search for a job. The joke, or the fact behind it, has made its impression on the trainers of the college youth, so that in every center of learning one finds eager effort to make our education practical. A certain amount of the same kind of talk is to be heard in England, even at Oxford, but less of it, for the simple reason that English education of the last few generations, however remote it may seem in its methods, has been obviously practical in its results. Oxford and Cambridge men have ruled brilliantly the greatest empire in the world, they have given England one of the most democratic governments and almost the cleanest politics on earth, they have played their part with credit in business and in every profession.

Until quite recently Oxford education took its tone and character mainly from training of one kind—the course in the classics which the University calls *Literæ Humaniores* and which the undergraduates call "Greats." It is this training which has made the young Englishman an educated man, has given him efficiency in the practical world, and has made him above all else a gentleman. To-day Oxford is undergoing a gradual change, the most marked feature of which is the expansion of the curriculum; but the school of classics still retains its prestige in spite of the

invasion of other studies. The reason for its prestige and for its greatness is apparent in the nature of the course.

The work of the course divides readily into two parts. The first, which corresponds roughly to our American "classical course," is a careful study of the principal Greek and Latin poets, orators, and dramatists. The second and more important part is a thorough study of the classic historians and philosophers, including both but laying stress upon the one or the other as the undergraduate chooses. The study of Greek philosophy includes the study of modern philosophy as well. Taken as a whole *Literæ Humaniores* is a study not merely of the æsthetic qualities of Greek and Latin literature but of Greek and Roman thought, and as such it offers the undergraduate what it is no exaggeration to call the key to modern civilization.

Possibly no training in modern literature can be made to equal this in intellectual value. However that may be, any very extensive study of the classics is apparently impossible in America. The tide has been flowing in the direction of the moderns, and while it may turn back again, in all likelihood it will not soon. English literature is for us what the classics were to our grandfathers in this country and in England, and as perhaps the greatest modern literature, it has, aside from the question of language, one obvious advantage over the classics as a means of popular education: it is permeated with the modern spirit, it is a record of modern thought, it deals directly with the intellectual problems and the conditions which face us, with the world as it has been refashioned by Christianity and modern science. The popularity of the study of English may be due partly to coeducation, but it is also due partly to this fact.

The popularity of the study of English, however, need not blind us to the very unsatisfactory nature of its results.

Whatever good things it may do for our undergraduates it does not teach them to think, does not offer them any severe intellectual discipline; it is not a good course for the man to take who wants to develop that power of sane, keen thinking which is the distinguishing mark of a liberal education.

This fact is even more apparent in the case of the students who give their attention mainly to *belles-lettres,* to the appreciation of literature, than in those who confine themselves to philology or literary history. The popular outcry against linguistics and source-hunting does not go to the root of the matter. Among English professors and English students alike are many able men who have sought in philology and in the history of literature something solid, something of real intellectual value, something "to bite on," which they could not find in courses in literary "appreciation." And for that point of view there is this justification, that most of the graduates from our literary courses who are comparatively free from philology, and are not at all absorbed in the minutiæ of literary history, are lamentably deficient in power of thought, in the ability to understand literature—woefully lacking in real literary interests. Literary power is power to think and power to feel in the sense in which feeling becomes illumination and yields a result similar to the result of thought. This illumination our training in English literature seems somehow not to give.

There are of course many shining exceptions to what is here said, but the above is on the whole a fair statement of the fact, and it is a fact to be very seriously considered. Since we have in this country no immediate prospect of a return to the classics as the vehicle of general literary education, and since English literature is daily becoming a more and more popular subject, the question of all questions

for us is how to make of it a liberal study. The question is not pedagogical in the sense in which that word is usually understood; it is really literary: what are the more humane and what the less humane aspects of English letters?

The obvious answer, if my analysis of the reasons for the effectiveness of the Oxford course in the classics is sound, is to make our study of English literature a study of English thought. When we treat English authors as mere entertainers whose business it is to provide elegant amusement for our idle hours, we are guilty of a misconception of the meaning of literature which is denounced specifically or implicitly by every great critic in our language, and which is certain to prevent all or almost all the possible good results of our study. The answer is to get entirely away from that theory of literature and to realize that the poets and novelists and essayists are men who are trying to unify and explain life to us, and to give us the zest for it which their divine vision has brought to them. We must face literature squarely, recognize in it a record of the meaning of our civilization, and, without confusing it for a moment with history or philosophy, give full weight to its historical and social and philosophical bearings. Finally, in order to give our students any love of literature which will be more serious than an idle flirtation, we must make plain to them that their first business is not to "appreciate" but to understand.

It may seem self-evident, that the value of the work of any great man of letters lies in the record of what may be called, in the wide sense explained above, his thought about life; and that the student must have some idea of this before he will know how to read profitably, and before the study of literary history or of the technique of any literary form can have for him much meaning. However self-evident such an idea may seem, it is constantly ignored.

We go on teaching the history of literature and the technique of literary forms to our students before they have any elementary notions of the significance of literature itself, which alone would make such study profitable. We talk about the "style" of this author and that, paying the scantiest attention to their ideas, omitting the substance to contemplate the form. However tortuous and supersubtle the lore of our subject may seem from other points of view, in this sense it is superficial. The one treatment of English literature which would give the study of it literary value or make it a part of a liberal education is that treatment which lays emphasis primarily on what English authors have to say about life, what were the problems of life which they were trying to solve, what to them were its mysteries and its meaning. To talk frankly and thoughtfully about these questions, to get to the bottom, to make our teaching the expression of what we really believe about the deepest things of life,—the things about which the poets are talking,—to do this most of us are either too lazy or too blasé.

Much of our greatest English literature is read by the American undergraduate, if at all, not in the English department, but in the department of philosophy or sociology or history or theology or the fine arts. We have gradually narrowed the content of our literary courses until we have little left except descriptions of nature, love stories, and lyrics. The habit of using books filled with brief selections from a large number of authors prevents the student from getting any clear and complete notion of what any English man of letters was really trying to say. The study of the development of literary forms has crowded out the study of literary thought. We give years to the study of "style" in courses which, in their selection of illustrative reading, tacitly deny that definition of style which is always on our

lips. If the style is of the man, can we not perhaps understand its secret better by studying the man himself, by placing our attention less upon externals and more upon his thought?

Such a study of English literature would demand much more, both of instructor and student, than is usually demanded at present. It would demand hard and careful thinking, it would reach out into domains of thought which our habit of rigid departmental specialization has led us to believe we have no business to enter. It would involve consideration of the thought of other nations which has influenced our own intellectual leaders. It would mean the acquisition of some conception of that complex body of thought which we know as western civilization, and, in the case of our keenest students, it would lead eventually to a study of the classics as well.

Such a study of English literature would remove the reproach of formalism and shallowness which we deserve at present because of our too exclusive preoccupation with metaphysical falsities about style and about the "evolution" of literary forms. It would mean a study of men and of currents of thought rather than of separate lyrics and "minor poems," selected and printed in textbooks because of their convenience for separate assignment and class-discussion. It would mean attempting less and doing it better; keeping undergraduate study to a few important men and a few influential movements, instead of spreading it over the whole history of English literature from Beowulf to Bridges. The undergraduates would be distinctly better off if they heard less about minor eighteenth-century poets and minor Elizabethan dramatists, and instead read more of Bacon and more of our great nineteenth-century thinkers on social and religious and scientific questions. Literature, so taught, would become a more thoughtful, a humaner, a

more really literary study, and its students would be in a position to apprehend better the meaning of the glib-formula, "Literature is a criticism of life."

Not the least of the benefits from such a change in attitude would be a change in the form and content of undergraduate essays. We should have fewer light and airy descriptions, fewer inane stories, fewer self-conscious apings of Lamb and Stevenson, and in their place more serious efforts to say what a certain book or poem or paragraph or phrase means when one thinks about it. The result would be that many problems of English composition would solve themselves, and the subject (as a separate study) would probably disappear from our universities, to the great relief and advantage of all concerned. We should need all the student's writing as a test and record of his understanding of what he read.

Of course if English literature were really made a thoughtful study with the majority, many of its votaries who seek in it merely a graceful accomplishment or the means of being "wafted to the skies"—in this case to a degree—"on flowery beds of ease," would be driven away. In the survivors we might look for results which we do not find at present: an adequate mastery of a few books and a few questions, some real comprehension of the significance of literature, some genuine intellectual interests, and, above all, capacity for thought which, as it is the one result of education really to be called practical, is also the one literary quality. So pursued, the study of English letters might become, if not equal in value to the study of the Greek and Roman classics, at any rate a more humane pursuit.

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